



TERMINALS



APPLICATORS



HOUSING



HAND TOOLS



CORRUGATED
TUBES



INSULATING
SLEEVINGS



PRESSES



TTR
PRINTERS



AUTOMATIC
TOOLS



IDC
CONNECTORS



WIRE SOLUTIONS™

the smartest way to connect.

WIRE SOLUTIONS

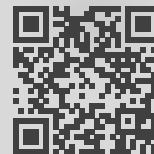
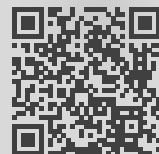
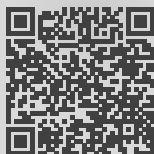
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+48 606 725 122
+48 606 725 175

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Dział techniczny | Technical advice: **+48 606 725 982**



PRODUCTS OVERVIEW

Mikropla produces and sells solutions for following connection systems :

- Wire-to-wire 2.54 , 3.96 , 5.00 , 5.08 pitch
- Wire-to-board 2.54 , 3.96 , 5.08 pitch
- Wire-to-Edge 5.00 pitch with crimp technology
- Rast5 connections

WHY CHOOSE mikropla ?

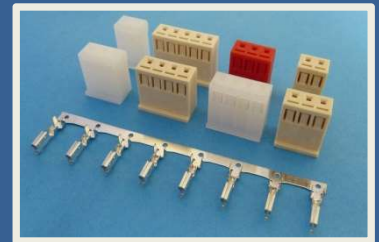
Mikropla excel both in terms of performance and economy of operation, our customers are particularly impressed by the following features :

- Consistent product quality
- Ability to handle every customer's urgency
- Friendly personnel
- Products' high reliability and long service life

HISTORY

The company was founded in 1968 and initially its activity was concentrated in the molding of plastics. In the early '70 the company started production of molds as well as the first connectors for electrical wiring harnesses applications.

In 1982 the company changed its name to MIKROPLA and with this new brand decided to devote hit-self to the production of components for electrical connections. Mikropla entered the field of small metals production and creates a new department for the construction of dies and molding the terminals. Today Mikropla with over 30 years of experience in the production of systems for electrical connection, with its agents and its qualified distributors can guarantee quality, price, reliability and face with extreme alertness every market demand. A wide and qualified range of products allows us to be the ideal partner.



MIKROPLA IS AN INDEPENDENTLY OWNED COMPANY HEADQUARTERED IN ITALY

Via Giovanni Pascoli, 36
60044 FABRIANO – ITALY

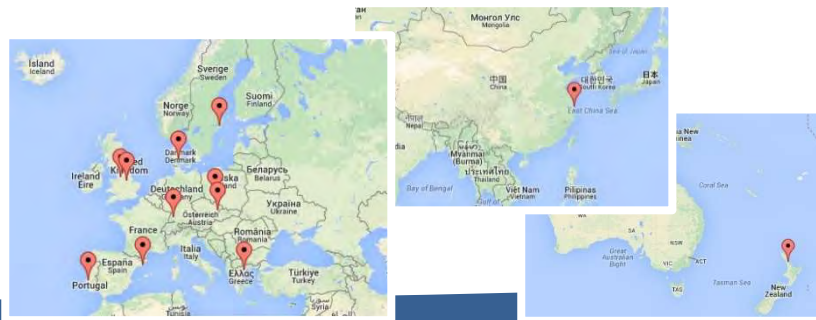
Tel. +39 (732) 4039
Fax +39 (732) 625955
www.mikropla.com

COMPANY PROFILE

TYPE OF COMPANY	95% PRODUCTION	5% DISTRIBUTION
FACTORY LOCATION	FABRIANO - ITALY	
APPROVALS	UL , CSA , CSQ	
QUALITY SYSTEM	ISO 9001 : 2015	
MANAGEMENT SOFTWARE USED	SAP	
CAD/CAM SOFTWARE USED	Pro-E Creo5	
MACHINES USED	Engel Sumitomo Bruderer Noxon	

NEW 2019-2020 ARRIVALS

Rast connectors, pitch 5.00mm → crimping technology
Wire-to-Edge 2.50mm → crimping technology



PRODUCT RANGE

QUICK-CONNECT TERMINALS & HOUSINGS	41%
WIRE-TO-WIRE CONNECTORS	38%
WIRE-TO-BOARD / WIRE-TO-EDGE	21%
(from 2018 sales, calculated on q.ty)	

AS PROVIDER OF DIFFERENT CONNECTION SOLUTIONS,
YOU WILL BE SURE TO FIND US ACTIVE THROUGHOUT THE WORLD.





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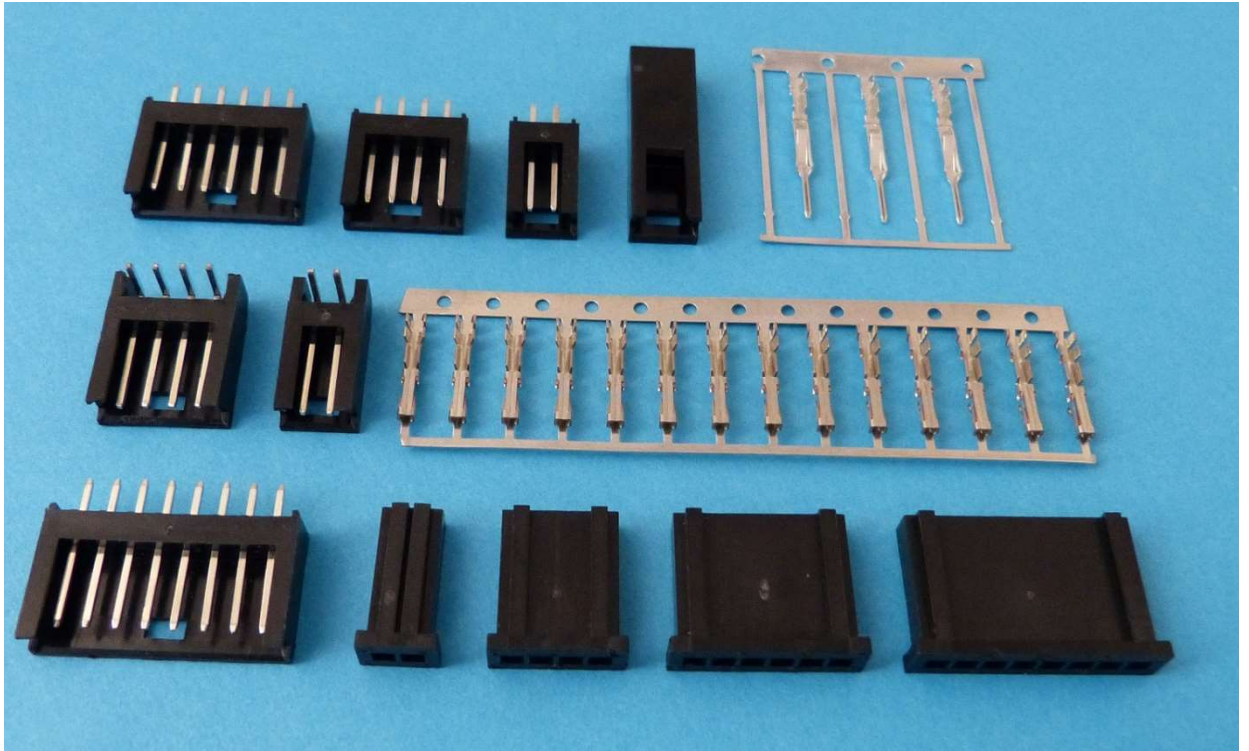
CD series		<p>CD connector system Wire-to-Board passo 2.54mm / Pitch 2.54mm</p>	<p>p. 005</p>
SPX series		<p>SPX connector system Wire-to-Board Passo 3.96mm / Pitch 3.96mm Passo 5.08mm / Pitch 5.08mm</p>	<p>p. 010</p>
CTK series		<p>CTK connector system Wire-to-Board Passo 3.96mm / Pitch 3.96mm Passo 5.08mm / Pitch 5.08mm</p>	<p>p. 016</p>
WB series		<p>WB connector system Wire-to-EDGE Passo 5.00mm / Pitch 5.00mm Connessione frontale / Top entry</p>	<p>p. 022</p>
WB series		<p>WB connector system Wire-to-EDGE Passo 5.00mm / Pitch 5.00mm Connessione laterale / Angle entry</p>	<p>p. 027</p>
RS series		<p>RS5 connection system RAST 5 indirect connection Passo 5.00mm / Pitch 5.00mm Uscita cavo 90° / Wire exit 90°</p>	<p>p. 039</p>
RS series		<p>RS5 connection system RAST 5 indirect connection Passo 5.00mm / Pitch 5.00mm Uscita cavo 180° / Wire exit 180°</p>	<p>p. 046</p>

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CD connector system

Wire-to-Board

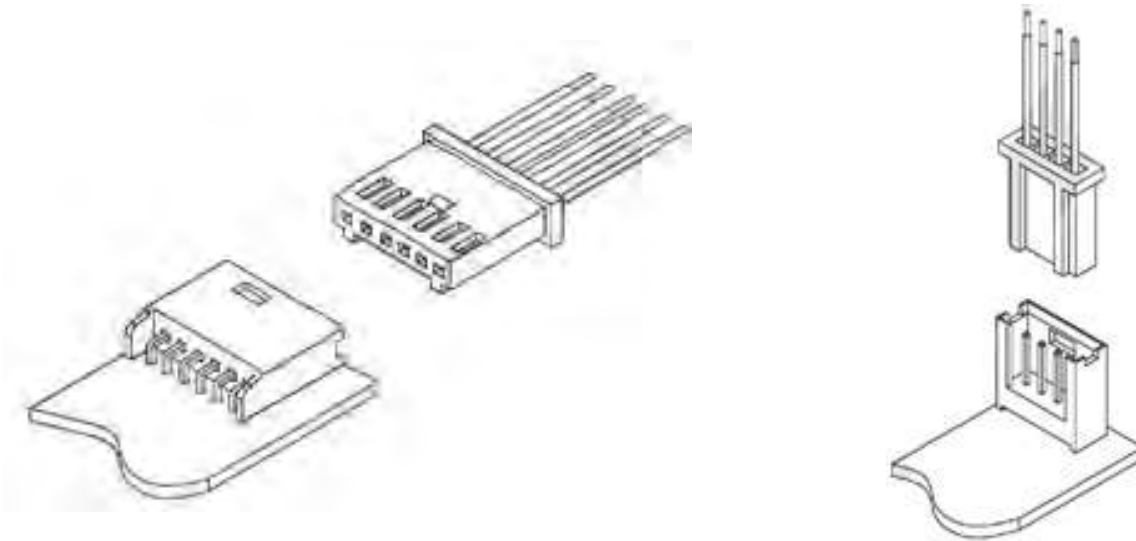
Passo 2.54mm

Pitch 2.54mm

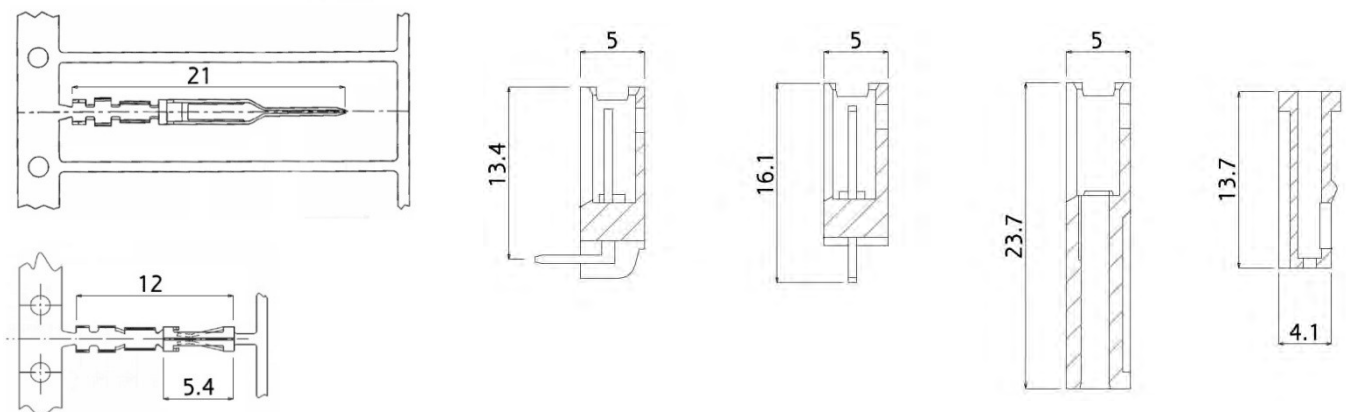
DESCRIZIONE / Overview

Sistema di connessione con una fila di contatti a passo 2.54mm utilizzabile con circuiti di alimentazione o con circuiti di segnale a bassa tensione. Il sistema di connessione che consiste in terminali femmina e maschio a crimpare, connettori volanti wire-to-wire e connettori wire-to-board da scheda con terminali tipo Pin a saldare premontati.

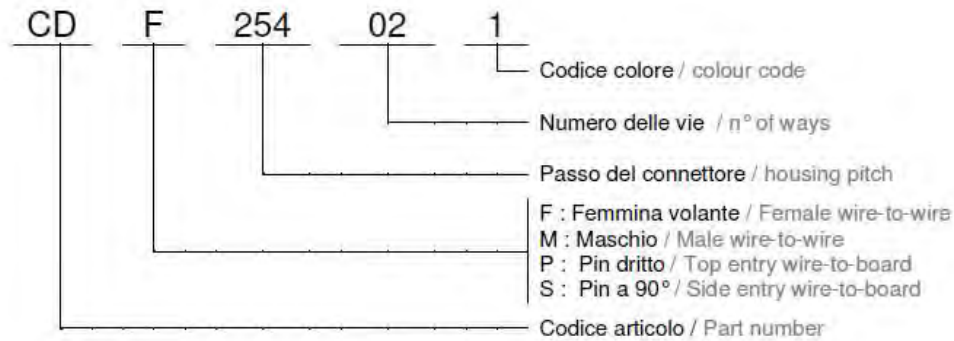
This modular connectors range on a single row of contacts with 2,54 mm pitch can be used with low voltage and current signal circuits. Connectors consists of crimp female and male terminals, wire-to-wire and PCBoard header supplied with preloaded solder tail pincontacts for wire-to-board applications.



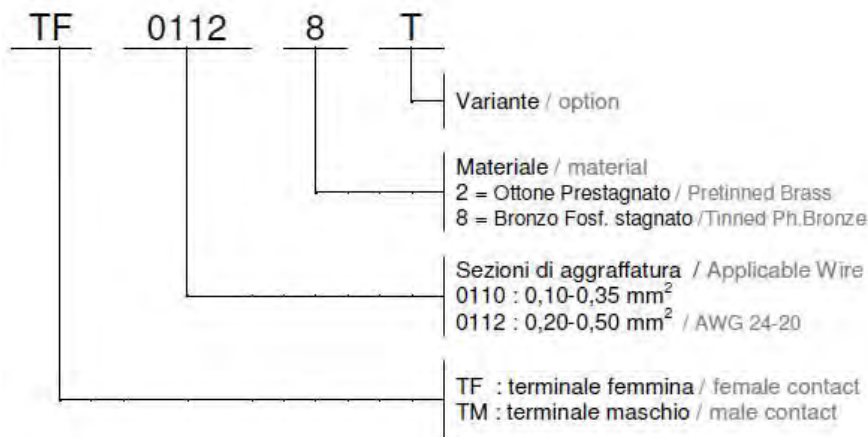
DIMENSIONI / Dimensions



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V0 or PC-V1
Terminali / Contacts	Ottone o Bronzo Fosforoso stagnati / Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,20 - 0,50mm ² , 24-20 AWG
Tensione della corrente di lavoro / Rated Voltage	40Vac / 60Vdc
Portata di corrente / Rated Current (max.)	3 A max per contact


CARATTERISTICHE ELETTRICHE / Electrical Specification


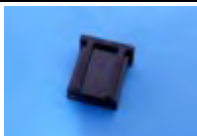
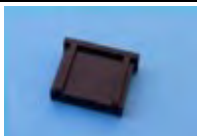
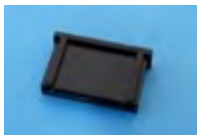
Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	12 mΩ max

AUTOCERTIFICAZIONI / Product certification






CONNESSIONE FEMMINA / Female range

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	5,1mm	TF01128T	0,20-0,50	24-20	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 2.500





DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CDF254021	PA66	V0	130	---	---	3.000
	4	CDF254041	PA66	V0	130	---	---	3.000
	6	CDF254061	PA66	V0	130	---	---	2.000
	8	CDF254081	PA66	V0	130	---	---	2.000

CONNESSIONE MASCHIO VOLANTE / Male wire-to-wire range





DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		TM01128	0,20-0,50	24-20	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 2.500

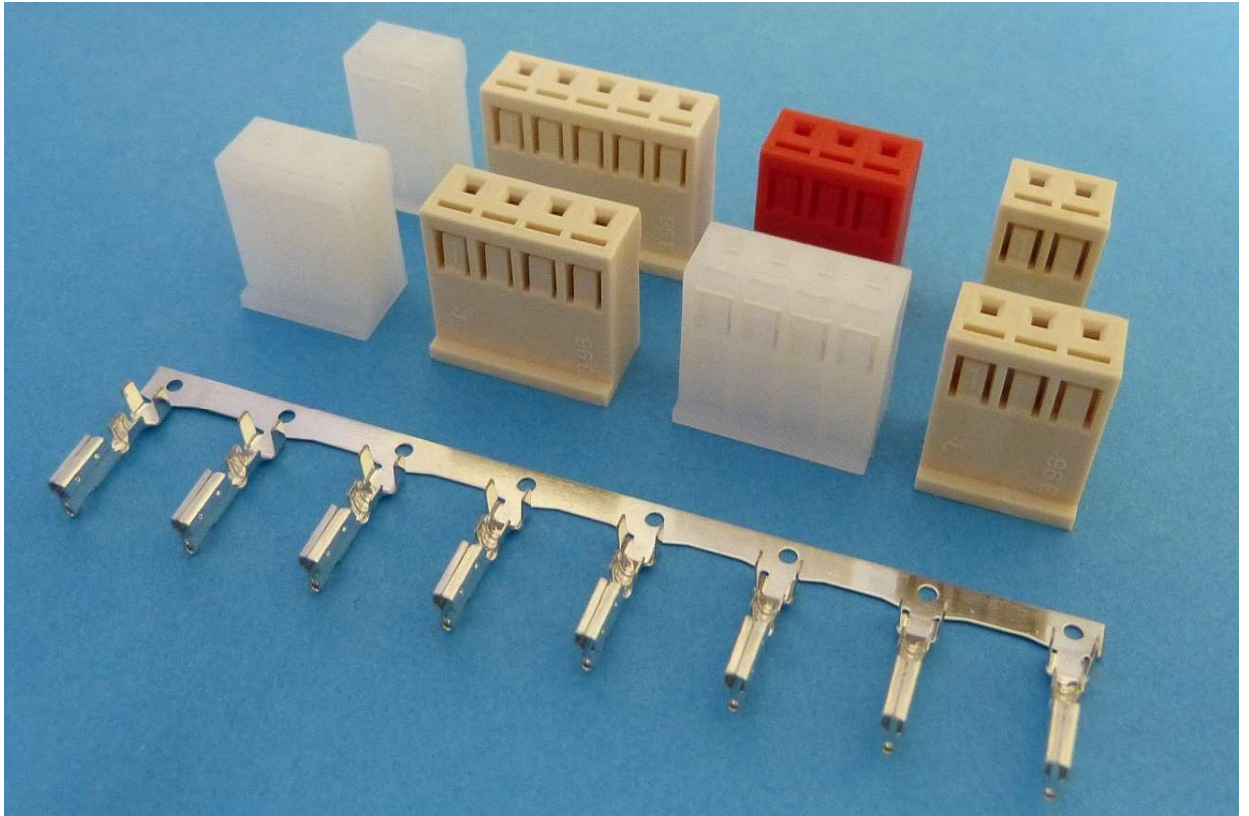
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CDM254021	PA66	V0	130	---	---	3.000
	4	CDM254041	PA66	V0	130	---	---	3.000

CONNETTORI CON PIN DRITTO / Top entry wire-to-board header

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CDP254021	PC	V1	90	---	---	3.000
	4	CDP254041	PC	V1	90	---	---	3.000
	6	CDP254061	PC	V1	90	---	---	2.000
	8	CDP254081	PC	V1	90	---	---	2.000

CONNETTORI CON PIN ad ANGOLO / Angle entry wire-to-board header

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CDS254021	PC	V1	90	---	---	3.000
	4	CDS254041	PC	V1	90	---	---	3.000
	6	CDS254061	PC	V1	90	---	---	2.000
	8	CDS254081	PC	V1	90	---	---	2.000



SPX connector system

Wire-to-Board

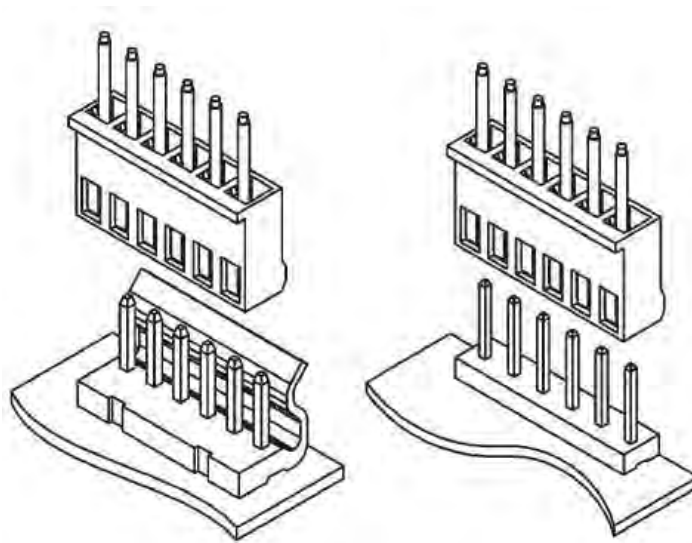
Passo 3.96mm e 5.08mm

Pitch 3.96mm and 5.08mm

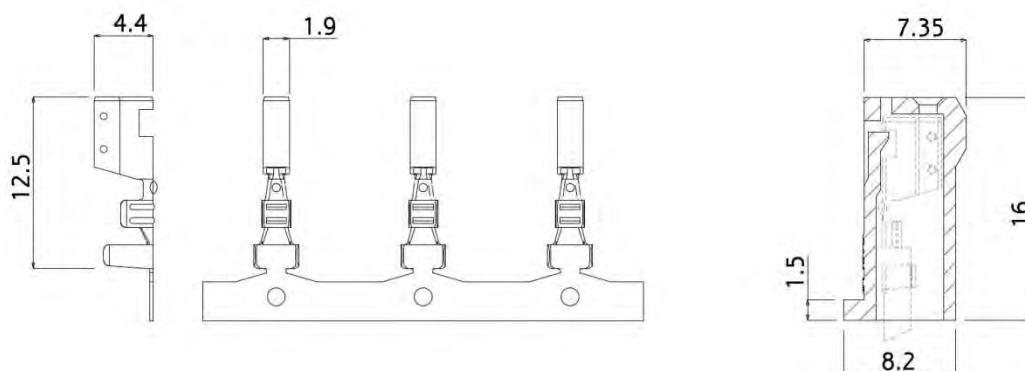
DESCRIZIONE / Overview

Sistema di connessione utilizzabile con circuiti di alimentazione o con circuiti di segnale a bassa tensione. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. Il sistema di connessione offre un terminale femmina a crimpare e connettori multivia con passo 3.96mm e 5.08mm adatti a connettori da scheda premontati con terminali tipo Pin a saldare. L'estrattore ER594 è progettato per rimuovere il terminale femmina dal connettore multivia.

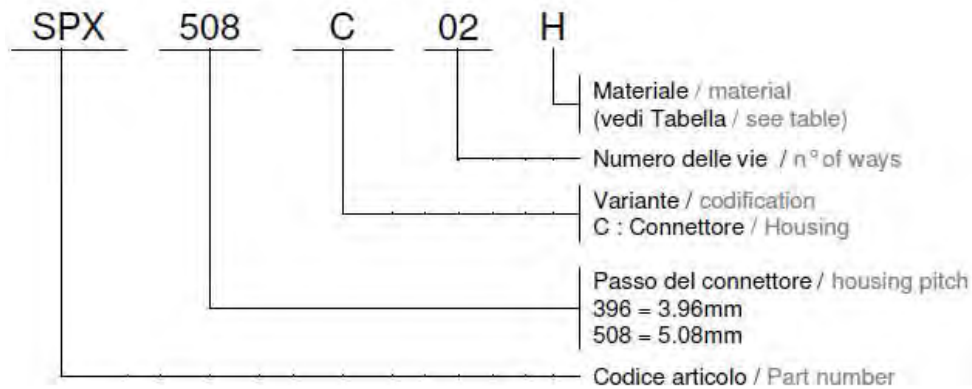
This modular connectors range can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow Wire Test compatible material, according to the IEC 60335-1. SPX connectors have applications in harness assemblies used in the Appliances industries, Vending, Gaming and Heating systems. A connector assembly consists of a housing with a specified number of crimp contacts (sockets) and a pc board header supplied with preloaded solder tail pincontacts. The same crimp contact can be used for both 3.96mm and 5.08 pitch housings. The Extraction Tool ER594 is designed for removing socket contacts from housings



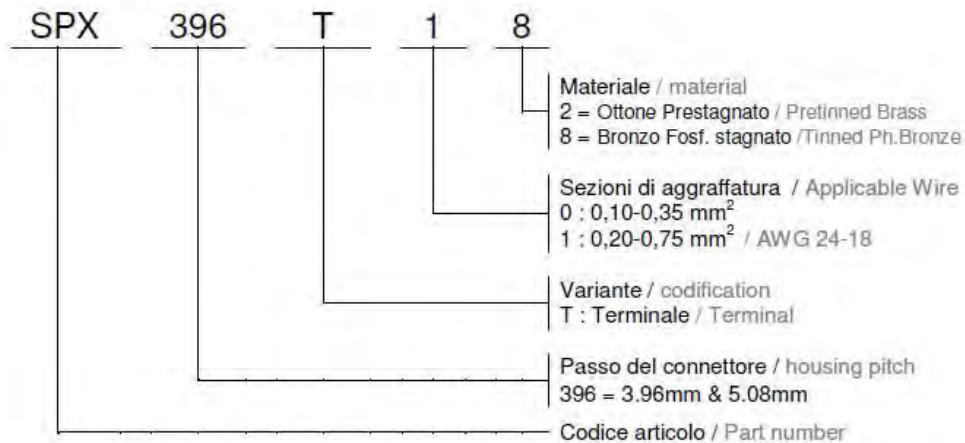
DIMENSIONI / Dimensions



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Ottone o Bronzo Fosforoso stagnati / Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,20-0,75 mm ² or 24-18 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	7 A max
Resistenza del contatto / Contact Resistance	10 mΩ max

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

AUTOCERTIFICAZIONI / Product certification



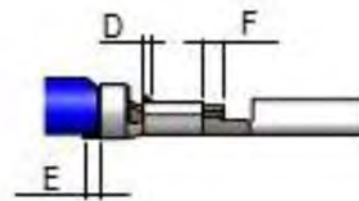
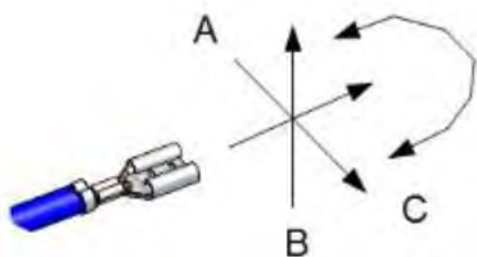
CARATTERISTICHE MECCANICHE / Mechanical Specification

Inserimento Terminale nel connettore / Terminal Insertion into the Housing	19 N max
Estrazione Terminale dal connettore / Terminal Retention from the Housing	30 N min
Estrazione Terminale dal pin / Terminal Retention from the Pin	19 N min

Forza inserimento e disinserimento del Connettore Housing Insertion and Withdrawal Force

		Insertion		Withdrawal	
		1 st	6 th	1 st	6 th
		N max	N max	N min	N min
(Condizioni dei test : applicata una forza assiale con una velocità di 25mm/min) (Tests Conditions : applied an axial pull out force at the speed rate 25mm/min)	2 poli / 2 circuits	44	35	7	8
	3 poli / 3 circuits	55	47	10	8
	4 poli / 4 circuits	65	57	11	9
	5 poli / 5 circuits	75	65	13	10
	6 poli / 6 circuits	85	73	14	11
	7 poli / 7 circuits	95	80	16	12
	8 poli / 8 circuits	104	88	17	13
	9 poli / 9 circuits	114	96	19	14

SPECIFICHE E CONTROLLO DELL' AGGRAFFATURA / Crimp Specification and Quality Chart




A - Inclinazione orizzontale max	3°
B - Inclinazione vertical max	3°
C - Torsione max	3°
D - Bell mouth	0,2-0.5 mm
E - Testimone taglio massimo / max. cut-off Tab lenght	0.5 mm
F - Sporgenza cavo minimo / min. extruded wire lenght	0.5 mm

Dimensioni dell'aggraffatura / Crimped area dimensions


Sezione Wire Sec. mm ²	Applicatore Crimp Model	Codice Part No.	Rame / Conductor		Guaina / Insulation		Trazione Pull out N
			Altezza/Height mm ±0.05	Largh/Width mm ±0.10	Altezza/Height mm ±0.10	Largh/Width mm ±0.10	
0,75	WIRMEC WB10	SPX396T18	1.21	1.66	/	2.80	142
0,50			1.16	1.63	/	2.80	109
0,35			1.06	1.63	/	2.80	71
0,25			1.02	1.60	/	2.80	52

CONNESSIONE PASSO 3.96 / 3.96 pitch Connectors

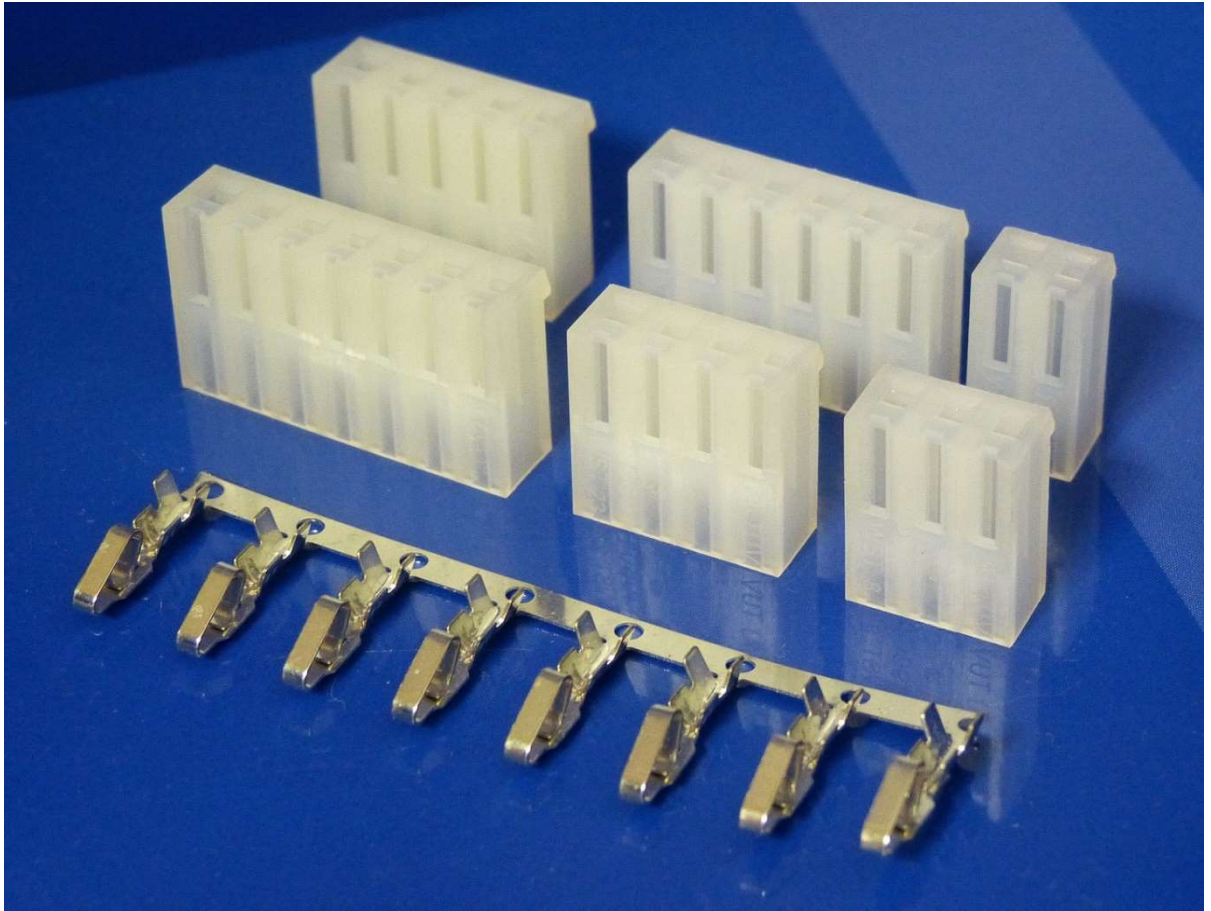
DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		SPX396T12	0,20-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 4.000
		SPX396T18	0,20-0,75	24-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	SPX396C02	PA66	V2	130	---	---	5.000
		SPX396C02V0	PA66	V0	140	---		
		SPX396C02H	PA6	V2	130	750°C noflame		
		SPX396C02Z	PA66	V0	140	750°C noflame		
	3	SPX396C03	PA66	V2	130	---	---	5.000
		SPX396C03V0	PA66	V0	140	---		
		SPX396C03H	PA6	V2	130	750°C noflame		
		SPX396C03Z	PA66	V0	140	750°C noflame		
	3 custom design	SPX396C03S	PA66	V2	130	---	---	4.000
		SPX396C03SV0	PA66	V0	140	---		
		SPX396C03SH	PA6	V2	130	750°C noflame		
		SPX396C03SZ	PA66	V0	140	750°C noflame		
	4	SPX396C04	PA66	V2	130	---	---	4.000
		SPX396C04V0	PA66	V0	140	---		
		SPX396C04H	PA6	V2	130	750°C noflame		
		SPX396C04Z	PA66	V0	140	750°C noflame		
	5	SPX396C05	PA66	V2	130	---	---	2.500
		SPX396C05V0	PA66	V0	140	---		
		SPX396C05H	PA6	V2	130	750°C noflame		
		SPX396C05Z	PA66	V0	140	750°C noflame		
	6	SPX396C06	PA66	V2	130	---	---	2.000
		SPX396C06V0	PA66	V0	140	---		
		SPX396C06H	PA6	V2	130	750°C noflame		
		SPX396C06Z	PA66	V0	140	750°C noflame		
	7	SPX396C07	PA66	V2	130	---	---	2.000
		SPX396C07V0	PA66	V0	140	---		
		SPX396C07H	PA6	V2	130	750°C noflame		
		SPX396C07Z	PA66	V0	140	750°C noflame		
	8	SPX396C08	PA66	V2	130	---	---	2.000
		SPX396C08V0	PA66	V0	140	---		
		SPX396C08H	PA6	V2	130	750°C noflame		
		SPX396C08Z	PA66	V0	140	750°C noflame		
	9	SPX396C09	PA66	V2	130	---	---	1.500
		SPX396C09V0	PA66	V0	140	---		
		SPX396C09H	PA6	V2	130	750°C noflame		
		SPX396C09Z	PA66	V0	140	750°C noflame		

CONNESSIONE PASSO 5.08 / 5.08 pitch Connectors

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		SPX396T12	0,20-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 4.000
		SPX396T18	0,20-0,75	24-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	SPX508C02	PA66	V2	130	---	---	4.000
		SPX508C02V0	PA66	V0	140	---		
		SPX508C02H	PA6	V2	130	750°C noflame		
		SPX508C02Z	PA66	V0	140	750°C noflame		
	3	SPX508C03	PA66	V2	130	---	---	4.000
		SPX508C03V0	PA66	V0	140	---		
		SPX508C03H	PA6	V2	130	750°C noflame		
		SPX508C03Z	PA66	V0	140	750°C noflame		
	4	SPX508C04	PA66	V2	130	---	---	2.500
		SPX508C04V0	PA66	V0	140	---		
		SPX508C04H	PA6	V2	130	750°C noflame		
		SPX508C04Z	PA66	V0	140	750°C noflame		
	5	SPX508C05	PA66	V2	130	---	---	2.500
		SPX508C05V0	PA66	V0	140	---		
		SPX508C05H	PA6	V2	130	750°C noflame		
		SPX508C05Z	PA66	V0	140	750°C noflame		
	6	SPX508C06	PA66	V2	130	---	---	2.500
		SPX508C06V0	PA66	V0	140	---		
		SPX508C06H	PA6	V2	130	750°C noflame		
		SPX508C06Z	PA66	V0	140	750°C noflame		
	7	SPX508C07	PA66	V2	130	---	---	2.000
		SPX508C07V0	PA66	V0	140	---		
		SPX508C07H	PA6	V2	130	750°C noflame		
		SPX508C07Z	PA66	V0	140	750°C noflame		
	8	SPX508C08	PA66	V2	130	---	---	2.000
		SPX508C08V0	PA66	V0	140	---		
		SPX508C08H	PA6	V2	130	750°C noflame		
		SPX508C08Z	PA66	V0	140	750°C noflame		
	9	SPX508C09	PA66	V2	130	---	---	1.500
		SPX508C09V0	PA66	V0	140	---		
		SPX508C09H	PA6	V2	130	750°C noflame		
		SPX508C09Z	PA66	V0	140	750°C noflame		



CTK connector system

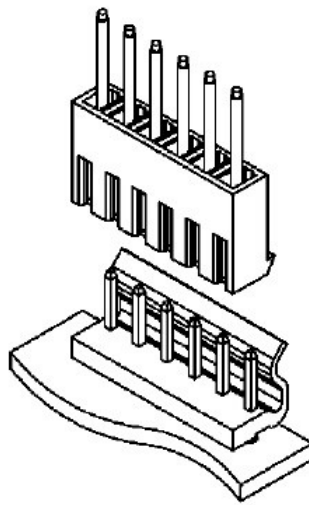
Wire-to-Board

Passo 3.96mm e 5.08mm
Pitch 3.96mm and 5.08mm

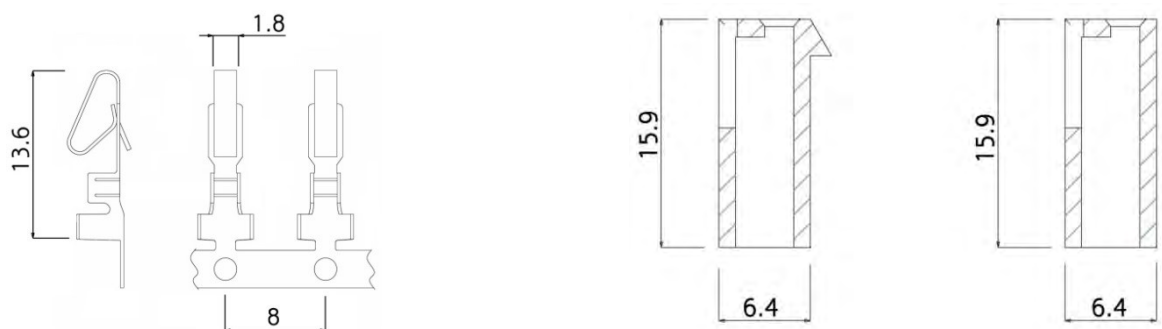
DESCRIZIONE / Overview

Sistema di connessione utilizzabile con circuiti di alimentazione o con circuiti di segnale a bassa tensione. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. Il sistema di connessione offre un terminale femmina a crimpare e connettori multiviva con passo 3.96mm e 5.08mm adatti a connettori da scheda premontati con terminali tipo Pin a saldare.

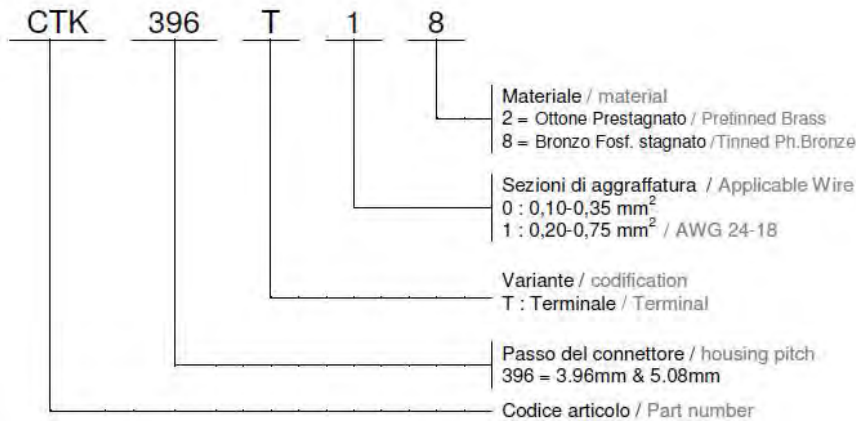
This modular connectors range can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow Wire Test compatible material, according to the IEC 60335-1 . CTK connectors have applications in harness assemblies used in the Appliances industries, Vending, Gaming and Heating systems. A connector assembly consists of a housing with a specified number of crimp contacts (sockets) and a pc board header supplied with preloaded solder tail pincontacts. The same crimp contact can be used for both 3.96mm and 5.08 pitch housings.



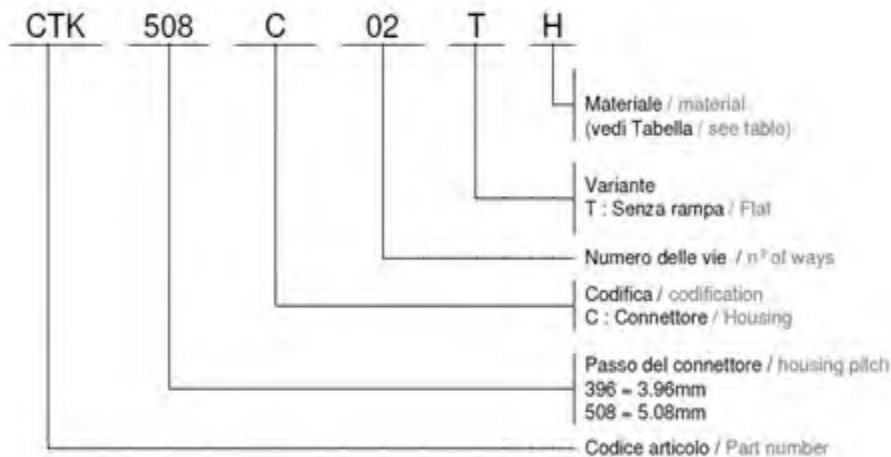
DIMENSIONI / Dimensions



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C NoFlame) according to Directive IEC 60335-1
Terminali / Contacts	Ottone o Bronzo Fosforoso stagnati / Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,30-1,00 mm ² or 22-17 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	7 A max
Resistenza del contatto / Contact Resistance	10 mΩ max

CARATTERISTICHE ELETTRICHE / Electrical Specification


Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

AUTOCERTIFICAZIONI / Product certification



CONNESSIONE PASSO 3.96 CON RAMPA / 3.96 pitch Connectors with locking ramp




DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	8,0mm	CTK396T12	0,20-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,20-0,75	24-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 3.500

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CTK396C02	PA66	V2	130	---	---	4.000
		CTK396C02V0	PA66	V0	140	---		
		CTK396C02H	PA6	V2	130	750°C noflame		
		CTK396C02Z	PA66	V0	140	750°C noflame		
	3	CTK396C03	PA66	V2	130	---	---	4.000
		CTK396C03V0	PA66	V0	140	---		
		CTK396C03H	PA6	V2	130	750°C noflame		
		CTK396C03Z	PA66	V0	140	750°C noflame		
	4	CTK396C04	PA66	V2	130	---	---	4.000
		CTK396C04V0	PA66	V0	140	---		
		CTK396C04H	PA6	V2	130	750°C noflame		
		CTK396C04Z	PA66	V0	140	750°C noflame		
	5	CTK396C05	PA66	V2	130	---	---	3.000
		CTK396C05V0	PA66	V0	140	---		
		CTK396C05H	PA6	V2	130	750°C noflame		
		CTK396C05Z	PA66	V0	140	750°C noflame		
	6	CTK396C06	PA66	V2	130	---	---	3.000
		CTK396C06V0	PA66	V0	140	---		
		CTK396C06H	PA6	V2	130	750°C noflame		
		CTK396C06Z	PA66	V0	140	750°C noflame		
	7	CTK396C07	PA66	V2	130	---	---	3.000
		CTK396C07V0	PA66	V0	140	---		
		CTK396C07H	PA6	V2	130	750°C noflame		
		CTK396C07Z	PA66	V0	140	750°C noflame		
	8	CTK396C08	PA66	V2	130	---	---	2.000
		CTK396C08V0	PA66	V0	140	---		
		CTK396C08H	PA6	V2	130	750°C noflame		
		CTK396C08Z	PA66	V0	140	750°C noflame		
	9	CTK396C09	PA66	V2	130	---	---	1.500
		CTK396C09V0	PA66	V0	140	---		
		CTK396C09H	PA6	V2	130	750°C noflame		
		CTK396C09Z	PA66	V0	140	750°C noflame		

CONNESSIONE PASSO 5.08 CON RAMPA / 5.08 pitch Connectors with locking ramp






DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	8,0mm	CTK396T12	0,20-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,20-0,75	24-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 3.500

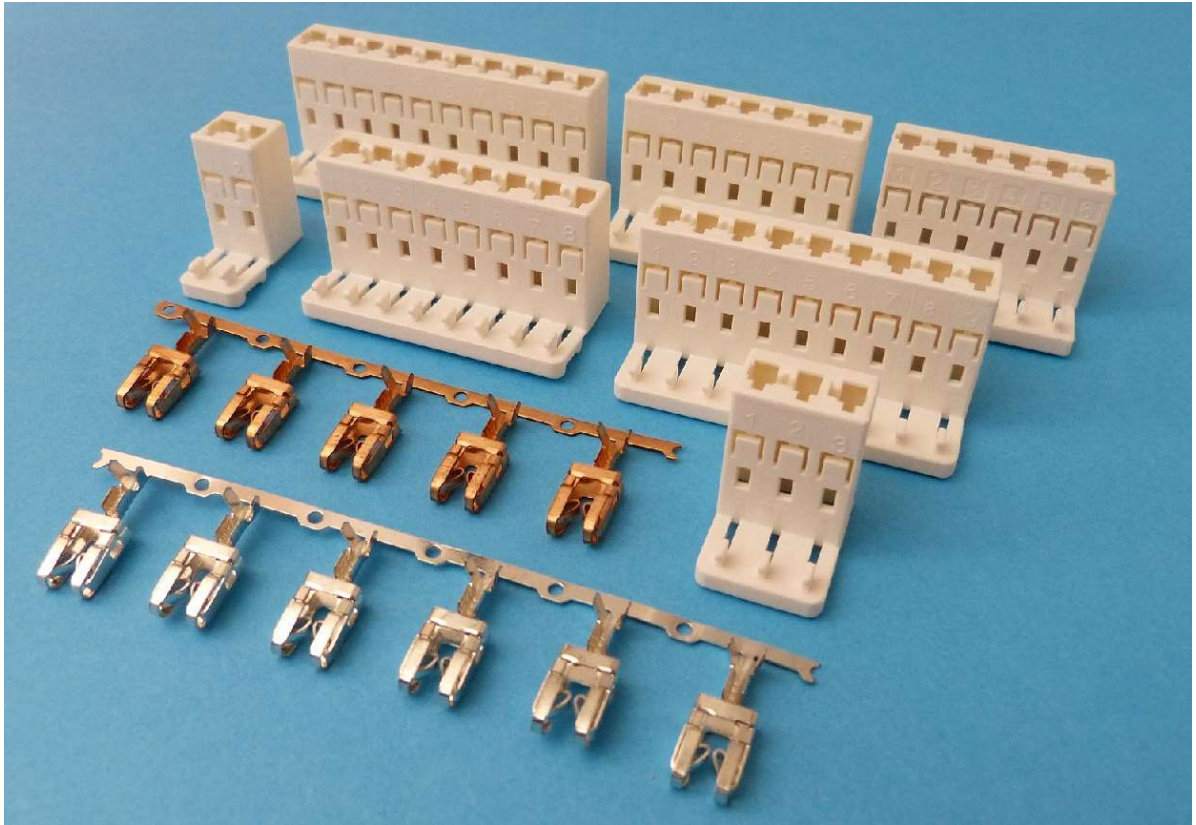
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CTK508C02	PA66	V2	130	---	---	4.000
		CTK508C02V0	PA66	V0	140	---		
		CTK508C02H	PA6	V2	130	750°C noflame		
		CTK508C02Z	PA66	V0	140	750°C noflame		
	3	CTK508C03	PA66	V2	130	---	---	4.000
		CTK508C03V0	PA66	V0	140	---		
		CTK508C03H	PA6	V2	130	750°C noflame		
		CTK508C03Z	PA66	V0	140	750°C noflame		
	4	CTK508C04	PA66	V2	130	---	---	2.500
		CTK508C04V0	PA66	V0	140	---		
		CTK508C04H	PA6	V2	130	750°C noflame		
		CTK508C04Z	PA66	V0	140	750°C noflame		
	5	CTK508C05	PA66	V2	130	---	---	2.000
		CTK508C05V0	PA66	V0	140	---		
		CTK508C05H	PA6	V2	130	750°C noflame		
		CTK508C05Z	PA66	V0	140	750°C noflame		
	6	CTK508C06	PA66	V2	130	---	---	3.000
		CTK508C06V0	PA66	V0	140	---		
		CTK508C06H	PA6	V2	130	750°C noflame		
		CTK508C06Z	PA66	V0	140	750°C noflame		
	7	CTK508C07	PA66	V2	130	---	---	3.000
		CTK508C07V0	PA66	V0	140	---		
		CTK508C07H	PA6	V2	130	750°C noflame		
		CTK508C07Z	PA66	V0	140	750°C noflame		
	8	CTK508C08	PA66	V2	130	---	---	2.000
		CTK508C08V0	PA66	V0	140	---		
		CTK508C08H	PA6	V2	130	750°C noflame		
		CTK508C08Z	PA66	V0	140	750°C noflame		
	9	CTK508C09	PA66	V2	130	---	---	1.500
		CTK508C09V0	PA66	V0	140	---		
		CTK508C09H	PA6	V2	130	750°C noflame		
		CTK508C09Z	PA66	V0	140	750°C noflame		

CONNESSIONE PASSO 5.08 SENZA RAMPA / 5.08 pitch Flat Connectors



DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	8,0mm	CTK396T12	0,20-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,20-0,75	24-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 3.500

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CTK508C02T	PA66	V2	130	---	---	4.000
		CTK508C02TV0	PA66	V0	140	---		
		CTK508C02TH	PA6	V2	130	750°C noflame		
		CTK508C02TZ	PA66	V0	140	750°C noflame		
	3	CTK508C03T	PA66	V2	130	---	---	4.000
		CTK508C03TV0	PA66	V0	140	---		
		CTK508C03TH	PA6	V2	130	750°C noflame		
		CTK508C03TZ	PA66	V0	140	750°C noflame		
	4	CTK508C04T	PA66	V2	130	---	---	2.500
		CTK508C04TV0	PA66	V0	140	---		
		CTK508C04TH	PA6	V2	130	750°C noflame		
		CTK508C04TZ	PA66	V0	140	750°C noflame		
	5	CTK508C05T	PA66	V2	130	---	---	2.000
		CTK508C05TV0	PA66	V0	140	---		
		CTK508C05TH	PA6	V2	130	750°C noflame		
		CTK508C05TZ	PA66	V0	140	750°C noflame		
	6	CTK508C06T	PA66	V2	130	---	---	3.000
		CTK508C06TV0	PA66	V0	140	---		
		CTK508C06TH	PA6	V2	130	750°C noflame		
		CTK508C06TZ	PA66	V0	140	750°C noflame		
	7	CTK508C07T	PA66	V2	130	---	---	3.000
		CTK508C07TV0	PA66	V0	140	---		
		CTK508C07TH	PA6	V2	130	750°C noflame		
		CTK508C07TZ	PA66	V0	140	750°C noflame		
	8	CTK508C08T	PA66	V2	130	---	---	2.000
		CTK508C08TV0	PA66	V0	140	---		
		CTK508C08TH	PA6	V2	130	750°C noflame		
		CTK508C08TZ	PA66	V0	140	750°C noflame		
	9	CTK508C09T	PA66	V2	130	---	---	1.500
		CTK508C09TV0	PA66	V0	140	---		
		CTK508C09TH	PA6	V2	130	750°C noflame		
		CTK508C09TZ	PA66	V0	140	750°C noflame		



WB connector system

Wire-to-EDGE

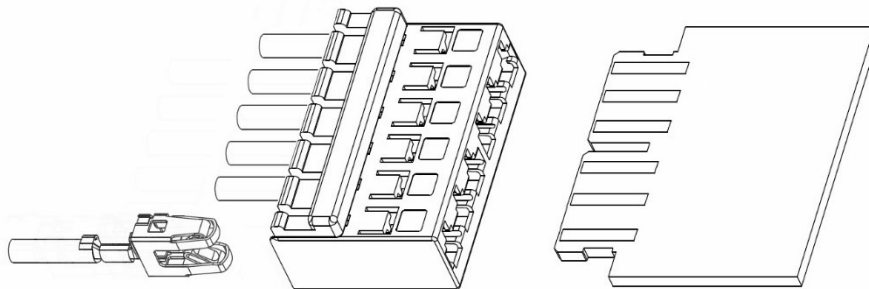
Passo 5.00mm – uscita cavo 180°

Pitch 5.00mm – Wire exit 180°

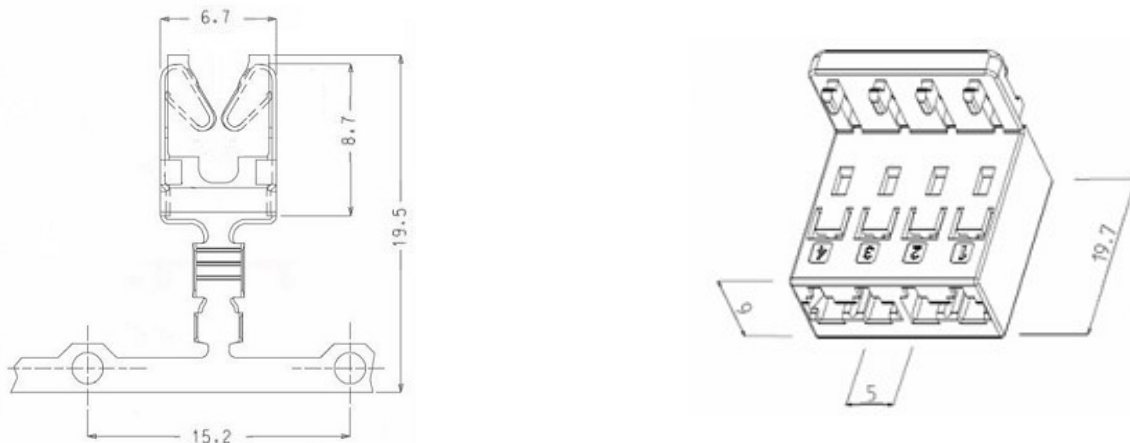
DESCRIZIONE / Overview

La connessione consiste in un connettore multiviva passo 5.00mm e un terminale femmina a crimpare con interfaccia Edge per connessione diretta con schede elettroniche. Il connettore ha un sistema di polarizzazione e un sistema secondary lock per evitare lo sgancio accidentale del contatto. L' uscita cavo è frontale in asse con la controparte. Utilizzabili con circuiti di alimentazione o con circuiti di segnale a bassa tensione, i connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1

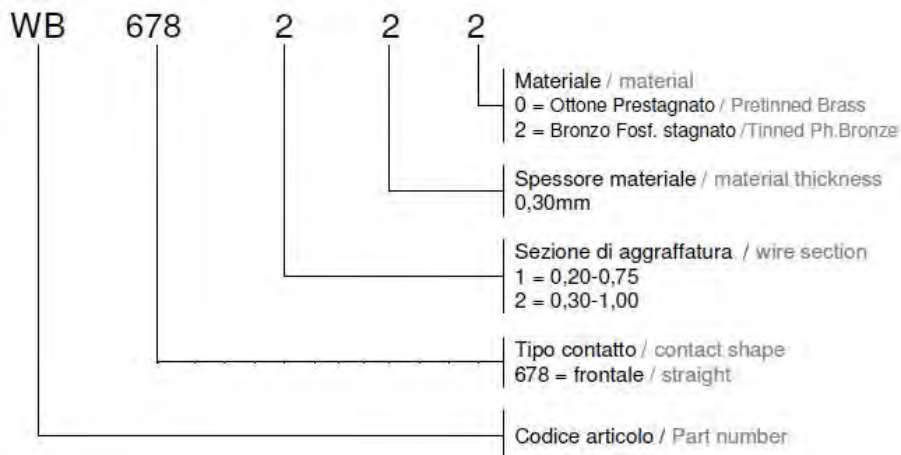
The connector assembly consists of connectors with a 5.00mm pitch and crimp contacts with direct EDGE mating to the printed circuit board (PCB). The housing has a polarizing system and a secondary lock system to avoid accidental terminal release. Housings have wire output on axis with the counterpart. They can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow WireTest compatible material, according to the IEC 60335-1



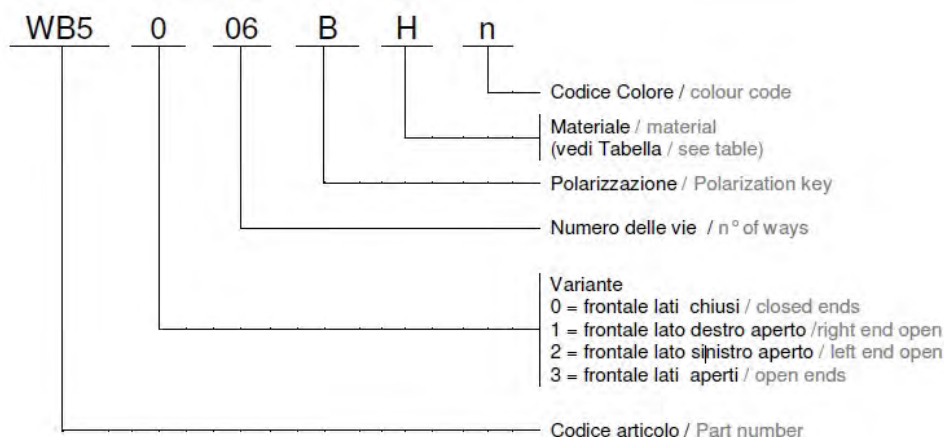
DIMENSIONI / Dimensions



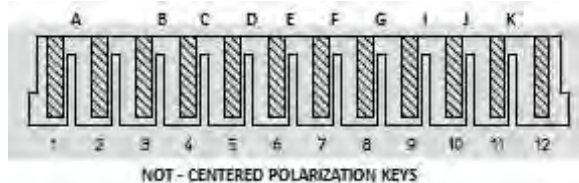
IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CHIAVE DI POLARIZZAZIONE / Polarization key



Le polarizzazioni sono disassate rispetto ai contatti per una maggiore sicurezza nella connessione e sono indicate da un carattere alfanumerico dalla A alla L, ad eccezione della lettera B che viene omessa nella polarizzazione tra la seconda e la terza perché considerata standard. Infine la lettera N indica l'assenza di polarizzazione.

Polarization key is not-centered for a safer mating to the PC board. They are indicated in the connector code by an alphanumeric character from A to L, with exception of letter B which is omitted in the polarization between second/third circuit because it is considered standard. Finally the letter N indicates the absence of polarization.

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Ottone o Bronzo Fosforoso stagnati / Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,30 – 1,00 mm ² or 22-17 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	7 A max

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	12 mΩ min

CERTIFICAZIONI SUL PRODOTTO / Product Approvals



ECCT2.E304173

AUTOCERTIFICAZIONI / Product certification



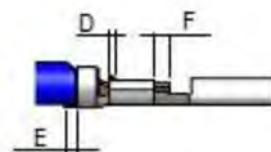
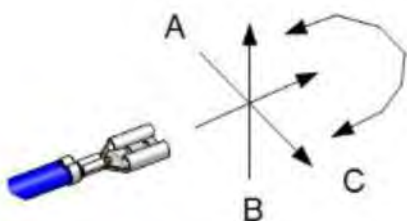
RoHS

REACH

CARATTERISTICHE MECCANICHE / Mechanical Specification

Forza inserimento Terminale nel connettore / Terminal Insertion Force into the Housing		15 N max	
* Forza estrazione Terminale dal connettore / Terminal Retention Force from the Housing		50 N min	
Forza inserimento Terminale sulla scheda / Terminal Insertion Force on the PCB		4 N max	
Forza estrazione Terminale dalla scheda / Terminal Retention Force from the PCB		1 N min	
Forza inserimento e disinserimento del Connettore		Insertion	
Housing Insertion and Withdrawal Force		Withdrawal	
		1 st	6 th
		N max	N min
*senza secondary lock	2 poli / 2 circuits	44	8
secondary lock open	3 poli / 3 circuits	55	8
	4 poli / 4 circuits	65	9
(Condizioni dei test : applicata una forza assiale con una velocità di 25mm/min)	5 poli / 5 circuits	75	10
	6 poli / 6 circuits	85	11
(Tests Conditions : applied an axial pull out force at the speed rate 25mm/min)	7 poli / 7 circuits	95	12
	8 poli / 8 circuits	104	13
	9 poli / 9 circuits	114	14

SPECIFICHE E CONTROLLO DELL' AGGRAFFATURA / Crimp Specification and Quality Chart






A - Inclinazione orizzontale max	3°
B - Inclinazione vertical max	3°
C - Torsione max	3°
D - Bell mouth	0,2-0.5 mm
E - Testimone taglio massimo / max . cut-off Tab lenght	0.5 mm
F - Sporgenza cavo minimo / min. extruded wire lenght	0.5 mm

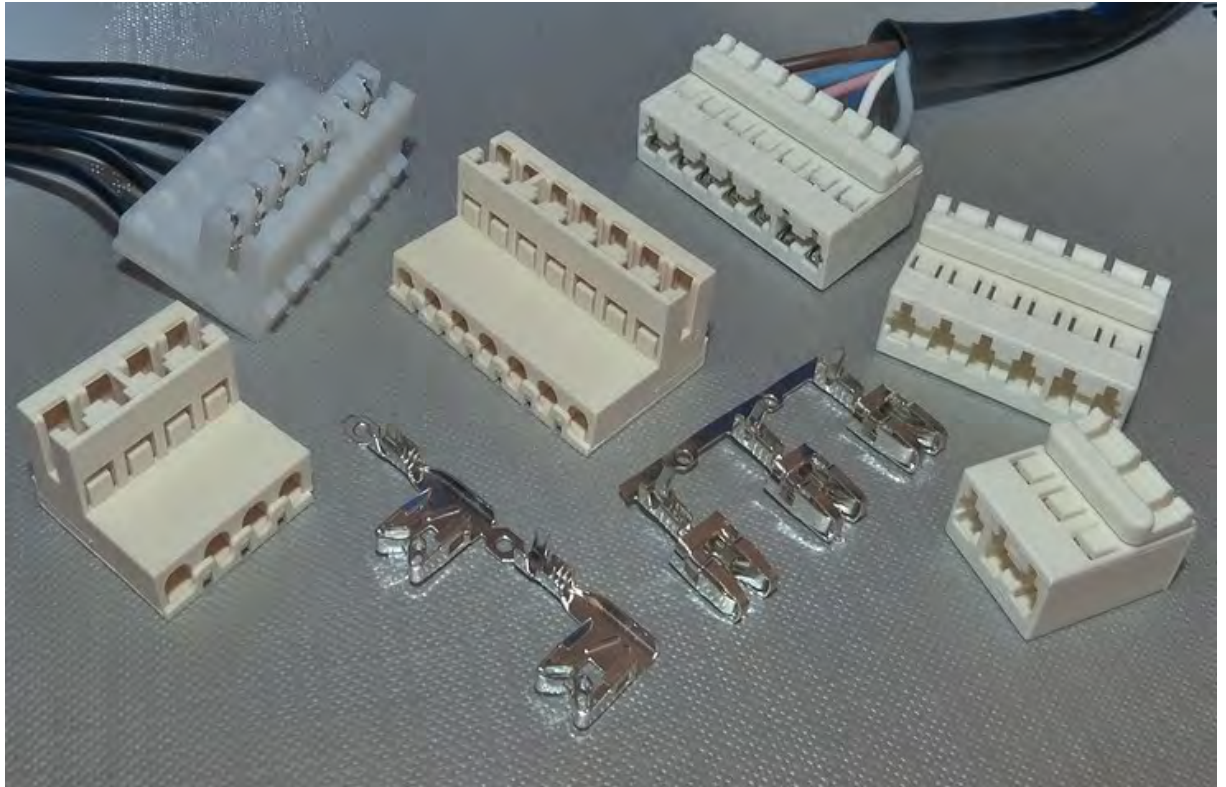
Dimensioni dell'aggraffatura / Crimped area dimensions

Sezione Wire Sec. mm ²	Applicatore Crimp Model	Codice Part No.	Rame / Conductor		Guaina / Insulation		Trazione Pull out N
			Altezza/Height mm ±0.05	Largh/Width mm ±0.10	Altezza/Height mm ±0.10	Largh/Width mm ±0.10	
1,00	nd	WB678222	1.30-1.40	1.85-1.90	/	2.80	95
0,75			1.10-1.20	1.45-1.55	/	2.80	80
0,50			1.06	1.63	/	2.80	71
0,35			1.02	1.60	/	2.80	52

ESTREMITÀ CHIUSE / closed ends

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	15.2mm	WB678221	0,30-1,00	22-17	Br.Fosforoso Phosphor Br.	---	---	6 x4.000
	15.2mm	WB678222	0,30-1,00	22-17	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		WB5002N	PA66	V2	130	---	---	3.000
		WB5002NH	PA6	V2	130	750°C noflame		
		WB5002NZ	PA66	V0	140	750°C noflame		
		WB5003	PA66	V2	130	---	---	3.000
		WB5003H	PA6	V2	130	750°C noflame		
		WB5003Z	PA66	V0	140	750°C noflame		
		WB5004	PA66	V2	130	---		3.000
		WB5004H	PA6	V2	130	750°C noflame		
		WB5004Z	PA66	V0	140	750°C noflame		
		WB5004B	PA66	V2	130	---		3.000
		WB5004BH	PA6	V2	130	750°C noflame		
		WB5004BZ	PA66	V0	140	750°C noflame		
		WB5006	PA66	V2	130	---		2.500
		WB5006H	PA6	V2	130	750°C noflame		
		WB5006Z	PA66	V0	140	750°C noflame		
		WB5007	PA66	V2	130	---		2.000
		WB5007H	PA6	V2	130	750°C noflame		
		WB5007Z	PA66	V0	140	750°C noflame		
		WB5008C	PA66	V2	130	---	---	2.000
		WB5008CH	PA6	V2	130	750°C noflame		
		WB5008CZ	PA66	V0	140	750°C noflame		
		WB5009	PA66	V2	130	---	---	1.500
		WB5009H	PA6	V2	130	750°C noflame		
		WB5009Z	PA66	V0	140	750°C noflame		
		WB5010C	PA66	V2	130	---	---	1.500
		WB5010CH	PA6	V2	130	750°C noflame		
		WB5010CZ	PA66	V0	140	750°C noflame		
		WB5012	PA66	V2	130	---	---	1.500
		WB5012H	PA6	V2	130	750°C noflame		
		WB5012Z	PA66	V0	140	750°C noflame		



WB connector system

Wire-to-EDGE

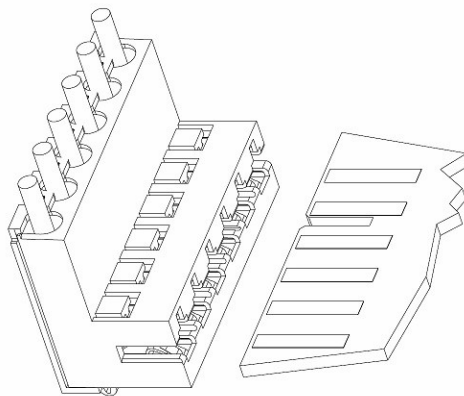
Passo 5.00mm – uscita cavo 90°

Pitch 5.00mm – Wire exit 90°

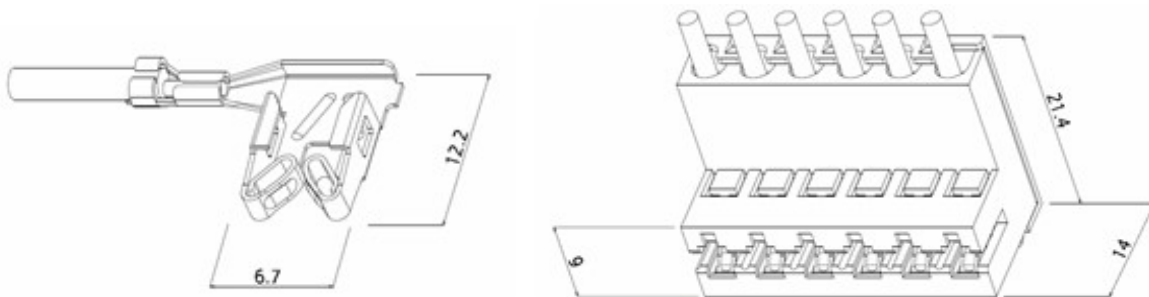
DESCRIZIONE / Overview

La connessione consiste in un connettore multiviva passo 5.00mm e un terminale femmina a crimpare con interfaccia Edge per connessione diretta con schede elettroniche. Il connettore ha un sistema di polarizzazione e un sistema secondary lock per evitare lo sgancio accidentale del contatto. L' uscita cavo è laterale con asse ortogonale alla controparte. Utilizzabili con circuiti di alimentazione o con circuiti di segnale a bassa tensione, i connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 .

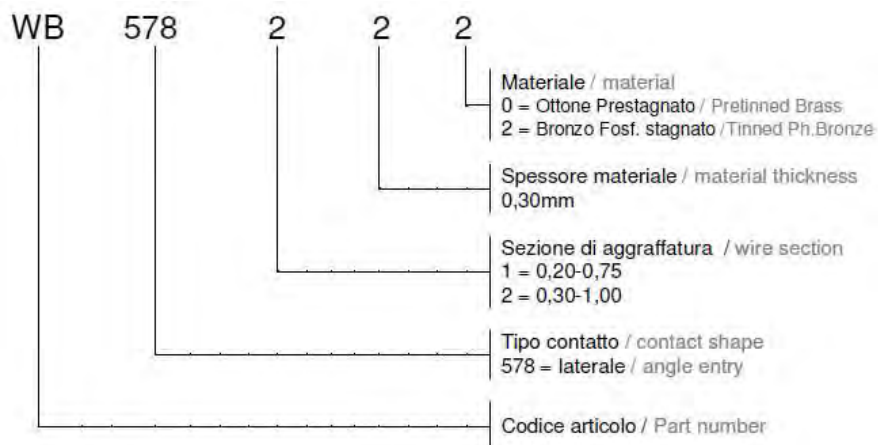
The connector assembly consists of connectors with a 5.00mm pitch and crimp contacts with direct EDGE mating to the printed circuit board (PCB) . The housing has a polarizing system and a secondary lock system to avoid accidental terminal release. Housings have wire output orthogonal to the counterpart. They can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow WireTest compatible material, according to the IEC 60335-1 .



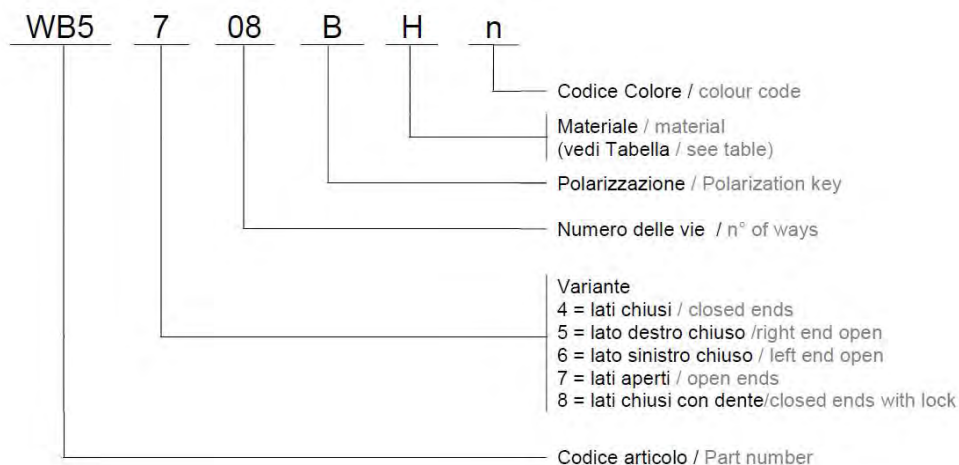
DIMENSIONI / Dimensions



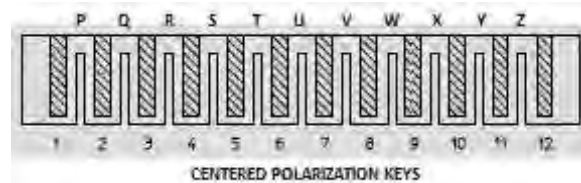
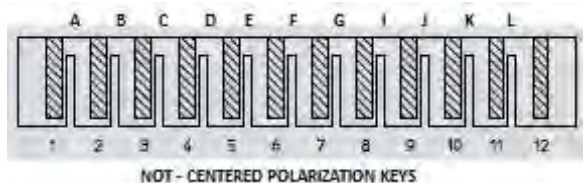
IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CHIAVE DI POLARIZZAZIONE / Polarization key

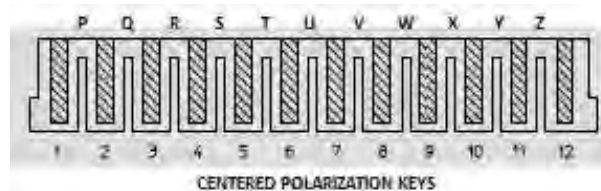


Le polarizzazioni possono essere :

- Centrate (in asse con i contatti)
- Non-centrate (fuori asse rispetto ai contatti)

Polarization key can be :

- Centered to contact position
- Not-centered to contact position



Le polarizzazioni non centrate sono indicate con le lettere dalla A alla L, mentre le polarizzazioni centrate sono indicate con le lettere dalla P alla Z. (vedi tabelle) La lettera N indica l'assenza di polarizzazione.

The not-centered polarization key is indicated by the letters from A to L, while the centered polarization key is indicated by the letters from M to Z (see table). The letter N indicates the absence of polarization

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C NoFlame) according to Directive IEC 60335-1
Terminali / Contacts	Ottone o Bronzo Fosforoso stagnati / Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,25 – 0,75 mm ² or 23-18 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	7 A max

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	12 mΩ min

CERTIFICAZIONI SUL PRODOTTO / Product Approvals

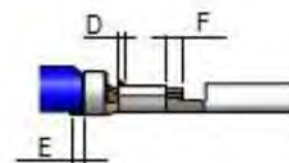
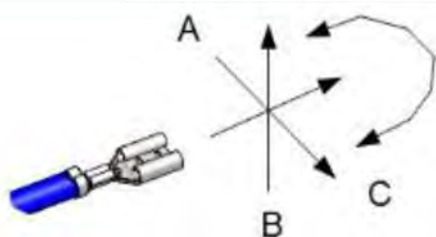


ECCT2.E304173

AUTOCERTIFICAZIONI / Product certification



SPECIFICHE E CONTROLLO DELL' AGGRAFFATURA / Crimp Specification and Quality Chart




A - Inclinazione orizzontale max	3°
B - Inclinazione vertical max	3°
C - Torsione max	3°
D - Bell mouth	0,2-0.5 mm
E - Testimone taglio massimo / max. cut-off Tab lenght	0.5 mm
F - Sporgenza cavo minimo / min. extruded wire lenght	0.5 mm

Dimensioni dell'aggraffatura / Crimped area dimensions


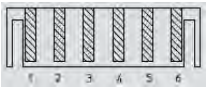

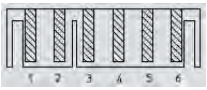






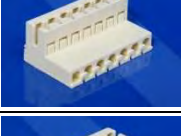

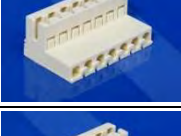



Sezione	Applicatore	Codice	Rame / Conductor		Guaina / Insulation		Trazione
Wire Sec.	Crimp Model	Part No.	Altezza/Height	Largh/Width	Altezza/Height	Largh/Width	Pull out
mm ²			mm ±0.05	mm ±0.10	mm ±0.10	mm ±0.10	N
1,00	ACER A6210640	WB578222	1.30-1.40	1.85-1.90	/	2.80	95
0,75			1.10-1.20	1.45-1.55	/	2.80	80
0,50			1.06	1.63	/	2.80	71
0,35			1.02	1.60	/	2.80	52

TERMINALE A CRIMPARE / Crimp contact

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	22.9mm	WB578221	0,25-075	23-18	Br.Fosforoso Phosphor Br.	---	---	3 x 6.000
	22.9mm	WB578222	0,25-075	23-18	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	3 x 6.000


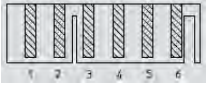








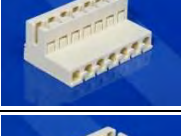
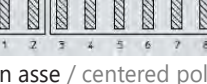

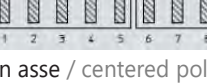
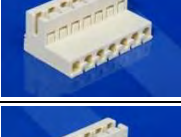
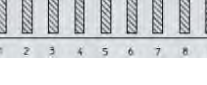

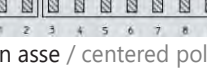
ESTREMITÀ CHIUSE / closed ends

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		WB5402N	PA66	V2	130	---	---	8.000
		WB5402NV0	PA66	V0	140	---		
		WB5402NH	PA6	V2	130	750°C noflame		
		WB5402NZ	PA66	V0	140	750°C noflame		
		WB5403N	PA66	V2	130	---	---	5.000
		WB5403NV0	PA66	V0	140	---		
		WB5403NH	PA6	V2	130	750°C noflame		
		WB5403NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5403P	PA66	V2	130	---	---	5.000
		WB5403PV0	PA66	V0	140	---		
		WB5403PH	PA6	V2	130	750°C noflame		
		WB5403PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5403Q	PA66	V2	130	---	---	5.000
		WB5403QV0	PA66	V0	140	---		
		WB5403QH	PA6	V2	130	750°C noflame		
		WB5403QZ	PA66	V0	140	750°C noflame		
		WB5404N	PA66	V2	130	---	---	5.000
		WB5404NV0	PA66	V0	140	---		
		WB5404NH	PA6	V2	130	750°C noflame		
		WB5404NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5404P	PA66	V2	130	---	---	5.000
		WB5404PV0	PA66	V0	140	---		
		WB5404PH	PA6	V2	130	750°C noflame		
		WB5404PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5404Q	PA66	V2	130	---	---	5.000
		WB5404QV0	PA66	V0	140	---		
		WB5404QH	PA6	V2	130	750°C noflame		
		WB5404QZ	PA66	V0	140	750°C noflame		
		WB5405N	PA66	V2	130	---	---	2.500
		WB5405NV0	PA66	V0	140	---		
		WB5405NH	PA6	V2	130	750°C noflame		
		WB5405NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5405P	PA66	V2	130	---	---	2.500
		WB5405PV0	PA66	V0	140	---		
		WB5405PH	PA6	V2	130	750°C noflame		
		WB5405PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5405Q	PA66	V2	130	---	---	2.500
		WB5405QV0	PA66	V0	140	---		
		WB5405QH	PA6	V2	130	750°C noflame		
		WB5405QZ	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		WB5406N	PA66	V2	130	---	---	2.500
		WB5406NV0	PA66	V0	140	---		
		WB5406NH	PA6	V2	130	750°C noflame		
		WB5406NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5406Q	PA66	V2	130	---	---	2.500
		WB5406QV0	PA66	V0	140	---		
		WB5406QH	PA6	V2	130	750°C noflame		
		WB5406QZ	PA66	V0	140	750°C noflame		
		WB5407N	PA66	V2	130	---	---	2.000
		WB5407NV0	PA66	V0	140	---		
		WB5407NH	PA6	V2	130	750°C noflame		
		WB5407NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5407Q	PA66	V2	130	---	---	2.000
		WB5407QV0	PA66	V0	140	---		
		WB5407QH	PA6	V2	130	750°C noflame		
		WB5407QZ	PA66	V0	140	750°C noflame		
		WB5408N	PA66	V2	130	---	---	2.000
		WB5408NV0	PA66	V0	140	---		
		WB5408NH	PA6	V2	130	750°C noflame		
		WB5408NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5408Q	PA66	V2	130	---	---	2.000
		WB5408QV0	PA66	V0	140	---		
		WB5408QH	PA6	V2	130	750°C noflame		
		WB5408QZ	PA66	V0	140	750°C noflame		
		WB5409N	PA66	V2	130	---	---	2.000
		WB5409NV0	PA66	V0	140	---		
		WB5409NH	PA6	V2	130	750°C noflame		
		WB5409NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5409Q	PA66	V2	130	---	---	2.000
		WB5409QV0	PA66	V0	140	---		
		WB5409QH	PA6	V2	130	750°C noflame		
		WB5409QZ	PA66	V0	140	750°C noflame		

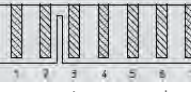


ESTREMITÀ DESTRA CHIUSA / closed right end

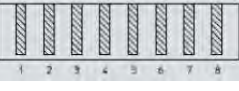
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				UL94	RTI	GWT		
		WB5502N	PA66	V2	130	---	---	8.000
		WB5502NV0	PA66	V0	140	---		
		WB5502NH	PA6	V2	130	750°C noflame		
		WB5502NZ	PA66	V0	140	750°C noflame		
		WB5503N	PA66	V2	130	---	---	5.000
		WB5503NV0	PA66	V0	140	---		
		WB5503NH	PA6	V2	130	750°C noflame		
		WB5503NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5503P	PA66	V2	130	---	---	5.000
		WB5503PV0	PA66	V0	140	---		
		WB5503PH	PA6	V2	130	750°C noflame		
		WB5503PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5503Q	PA66	V2	130	---	---	5.000
		WB5503QV0	PA66	V0	140	---		
		WB5503QH	PA6	V2	130	750°C noflame		
		WB5503QZ	PA66	V0	140	750°C noflame		
		WB5504N	PA66	V2	130	---	---	5.000
		WB5504NV0	PA66	V0	140	---		
		WB5504NH	PA6	V2	130	750°C noflame		
		WB5504NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5504P	PA66	V2	130	---	---	5.000
		WB5504PV0	PA66	V0	140	---		
		WB5504PH	PA6	V2	130	750°C noflame		
		WB5504PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5504Q	PA66	V2	130	---	---	5.000
		WB5504QV0	PA66	V0	140	---		
		WB5504QH	PA6	V2	130	750°C noflame		
		WB5504QZ	PA66	V0	140	750°C noflame		
		WB5505N	PA66	V2	130	---	---	2.500
		WB5505NV0	PA66	V0	140	---		
		WB5505NH	PA6	V2	130	750°C noflame		
		WB5505NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5505P	PA66	V2	130	---	---	2.500
		WB5505PV0	PA66	V0	140	---		
		WB5505PH	PA6	V2	130	750°C noflame		
		WB5505PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5505Q	PA66	V2	130	---	---	2.500
		WB5505QV0	PA66	V0	140	---		
		WB5505QH	PA6	V2	130	750°C noflame		
		WB5505QZ	PA66	V0	140	750°C noflame		
		WB5506N	PA66	V2	130	---	---	2.500
		WB5506NV0	PA66	V0	140	---		
		WB5506NH	PA6	V2	130	750°C noflame		
		WB5506NZ	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	 in asse / centered pol.	WB5506Q	PA66	V2	130	---	---	2.500
		WB5506QV0	PA66	V0	140	---		
		WB5506QH	PA6	V2	130	750°C noflame		
		WB5506QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5507N	PA66	V2	130	---	---	2.000
		WB5507NV0	PA66	V0	140	---		
		WB5507NH	PA6	V2	130	750°C noflame		
		WB5507NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5507Q	PA66	V2	130	---	---	2.000
		WB5507QV0	PA66	V0	140	---		
		WB5507QH	PA6	V2	130	750°C noflame		
		WB5507QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5507T	PA66	V2	130	---	---	2.000
		WB5507TV0	PA66	V0	140	---		
		WB5507TH	PA6	V2	130	750°C noflame		
		WB5507TZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5508N	PA66	V2	130	---	---	2.000
		WB5508NV0	PA66	V0	140	---		
		WB5508NH	PA6	V2	130	750°C noflame		
		WB5508NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5508Q	PA66	V2	130	---	---	2.000
		WB5508QV0	PA66	V0	140	---		
		WB5508QH	PA6	V2	130	750°C noflame		
		WB5508QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5508T	PA66	V2	130	---	---	2.000
		WB5508TV0	PA66	V0	140	---		
		WB5508TH	PA6	V2	130	750°C noflame		
		WB5508TZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5509N	PA66	V2	130	---	---	2.000
		WB5509NV0	PA66	V0	140	---		
		WB5509NH	PA6	V2	130	750°C noflame		
		WB5509NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5509Q	PA66	V2	130	---	---	2.000
		WB5509QV0	PA66	V0	140	---		
		WB5509QH	PA6	V2	130	750°C noflame		
		WB5509QZ	PA66	V0	140	750°C noflame		

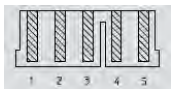
ESTREMITÀ APERTE / open ends

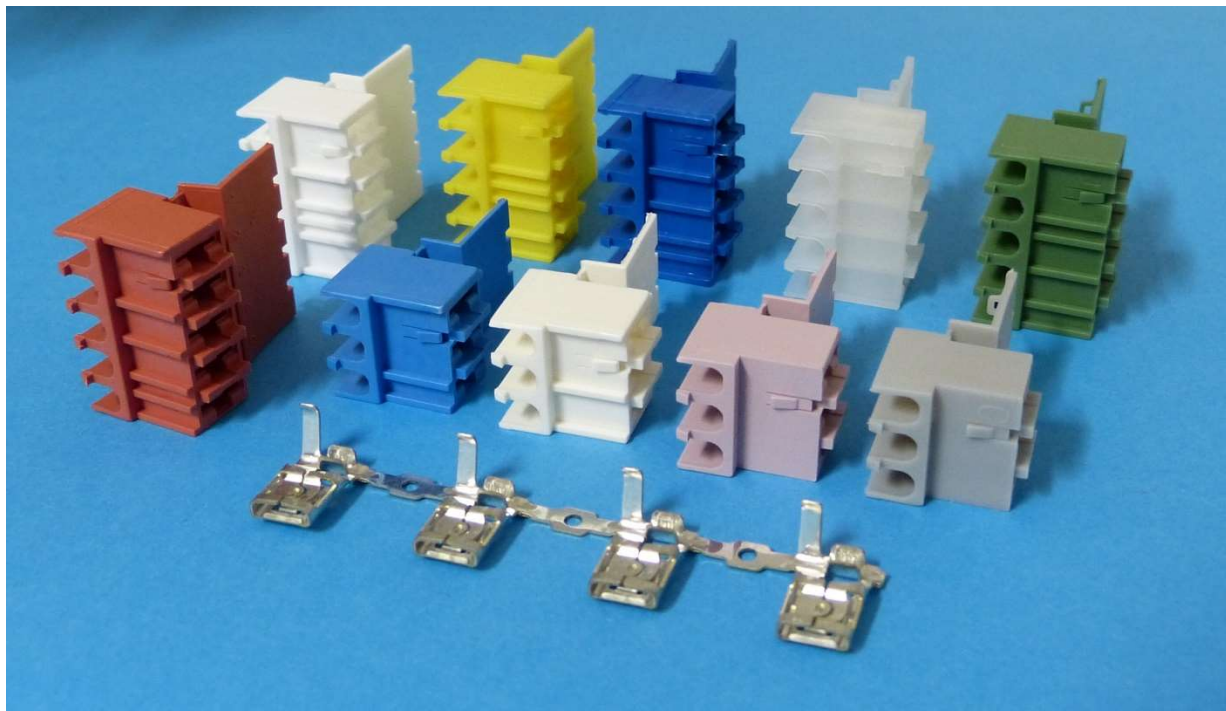
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				UL94	RTI	GWT		
		WB5702N	PA66	V2	130	---	---	8.000
		WB5702NV0	PA66	V0	140	---		
		WB5702NH	PA6	V2	130	750°C noflame		
		WB5702NZ	PA66	V0	140	750°C noflame		
		WB5703N	PA66	V2	130	---	---	5.000
		WB5703NV0	PA66	V0	140	---		
		WB5703NH	PA6	V2	130	750°C noflame		
		WB5703NZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5703P	PA66	V2	130	---	---	5.000
		WB5703PV0	PA66	V0	140	---		
		WB5703PH	PA6	V2	130	750°C noflame		
		WB5703PZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5703Q	PA66	V2	130	---	---	5.000
		WB5703QV0	PA66	V0	140	---		
		WB5703QH	PA6	V2	130	750°C noflame		
		WB5703QZ	PA66	V0	140	750°C noflame		
		WB5704N	PA66	V2	130	---	---	5.000
		WB5704NV0	PA66	V0	140	---		
		WB5704NH	PA6	V2	130	750°C noflame		
		WB5704NZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5704P	PA66	V2	130	---	---	5.000
		WB5704PV0	PA66	V0	140	---		
		WB5704PH	PA6	V2	130	750°C noflame		
		WB5704PZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5704R	PA66	V2	130	---	---	5.000
		WB5704RV0	PA66	V0	140	---		
		WB5704RH	PA6	V2	130	750°C noflame		
		WB5704RZ	PA66	V0	140	750°C noflame		
		WB5705N	PA66	V2	130	---	---	2.500
		WB5705NV0	PA66	V0	140	---		
		WB5705NH	PA6	V2	130	750°C noflame		
		WB5705NZ	PA66	V0	140	750°C noflame		
	fuori asse / not centered pol. 	WB5705B	PA66	V2	130	---	---	2.500
		WB5705BV0	PA66	V0	140	---		
		WB5705BH	PA6	V2	130	750°C noflame		
		WB5705BZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5705P	PA66	V2	130	---	---	2.500
		WB5705PV0	PA66	V0	140	---		
		WB5705PH	PA6	V2	130	750°C noflame		
		WB5705PZ	PA66	V0	140	750°C noflame		
	in asse / centered pol. 	WB5705Q	PA66	V2	130	---	---	2.500
		WB5705QV0	PA66	V0	140	---		
		WB5705QH	PA6	V2	130	750°C noflame		
		WB5705QZ	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	 in asse / centered pol.	WB5705R	PA66	V2	130	---	---	2.500
		WB5705RV0	PA66	V0	140	---		
		WB5705RH	PA6	V2	130	750°C noflame		
		WB5705RZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5706N	PA66	V2	130	---	---	2.500
		WB5706NV0	PA66	V0	140	---		
		WB5706NH	PA6	V2	130	750°C noflame		
		WB5706NZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5706A	PA66	V2	130	---	---	2.500
		WB5706AV0	PA66	V0	140	---		
		WB5706AH	PA6	V2	130	750°C noflame		
		WB5706AZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5706B	PA66	V2	130	---	---	2.500
		WB5706BV0	PA66	V0	140	---		
		WB5706BH	PA6	V2	130	750°C noflame		
		WB5706BZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5706P	PA66	V2	130	---	---	2.500
		WB5706PV0	PA66	V0	140	---		
		WB5706PH	PA6	V2	130	750°C noflame		
		WB5706PZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5706Q	PA66	V2	130	---	---	2.500
		WB5706QV0	PA66	V0	140	---		
		WB5706QH	PA6	V2	130	750°C noflame		
		WB5706QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5706R	PA66	V2	130	---	---	2.500
		WB5706RV0	PA66	V0	140	---		
		WB5706RH	PA6	V2	130	750°C noflame		
		WB5706RZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5706S	PA66	V2	130	---	---	2.500
		WB5706SV0	PA66	V0	140	---		
		WB5706SH	PA6	V2	130	750°C noflame		
		WB5706SZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5707N	PA66	V2	130	---	---	2.000
		WB5707NV0	PA66	V0	140	---		
		WB5707NH	PA6	V2	130	750°C noflame		
		WB5707NZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5707B	PA66	V2	130	---	---	2.000
		WB5707BV0	PA66	V0	140	---		
		WB5707BH	PA6	V2	130	750°C noflame		
		WB5707BZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5707Q	PA66	V2	130	---	---	2.000
		WB5707QV0	PA66	V0	140	---		
		WB5707QH	PA6	V2	130	750°C noflame		
		WB5707QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5707R	PA66	V2	130	---	---	2.000
		WB5707RV0	PA66	V0	140	---		
		WB5707RH	PA6	V2	130	750°C noflame		
		WB5707RZ	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	 in asse / centered pol.	WB5707T	PA66	V2	130	---	---	2.000
		WB5707TV0	PA66	V0	140	---		
		WB5707TH	PA6	V2	130	750°C noflame		
		WB5707TZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5708N	PA66	V2	130	---	---	2.000
		WB5708NV0	PA66	V0	140	---		
		WB5708NH	PA6	V2	130	750°C noflame		
		WB5708NZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5708B	PA66	V2	130	---	---	2.000
		WB5708BV0	PA66	V0	140	---		
		WB5708BH	PA6	V2	130	750°C noflame		
		WB5708BZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5708Q	PA66	V2	130	---	---	2.000
		WB5708QV0	PA66	V0	140	---		
		WB5708QH	PA6	V2	130	750°C noflame		
		WB5708QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5708R	PA66	V2	130	---	---	2.000
		WB5708RV0	PA66	V0	140	---		
		WB5708RH	PA6	V2	130	750°C noflame		
		WB5708RZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5709N	PA66	V2	130	---	---	2.000
		WB5709NV0	PA66	V0	140	---		
		WB5709NH	PA6	V2	130	750°C noflame		
		WB5709NZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5709B	PA66	V2	130	---	---	2.000
		WB5709BV0	PA66	V0	140	---		
		WB5709BH	PA6	V2	130	750°C noflame		
		WB5709BZ	PA66	V0	140	750°C noflame		
	 fuori asse / not centered pol.	WB5709C	PA66	V2	130	---	---	2.000
		WB5709CV0	PA66	V0	140	---		
		WB5709CH	PA6	V2	130	750°C noflame		
		WB5709CZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5709Q	PA66	V2	130	---	---	2.000
		WB5709QV0	PA66	V0	140	---		
		WB5709QH	PA6	V2	130	750°C noflame		
		WB5709QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5709R	PA66	V2	130	---	---	2.000
		WB5709RV0	PA66	V0	140	---		
		WB5709RH	PA6	V2	130	750°C noflame		
		WB5709RZ	PA66	V0	140	750°C noflame		

ESTREMITÀ CHIUSE CON DENTE DI AGGANCIAMENTO / closed ends with lock on PCB

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		WB5802N	PA66	V2	130	---	---	8.000
		WB5802NV0	PA66	V0	140	---		
		WB5802NH	PA6	V2	130	750°C noflame		
		WB58502NZ	PA66	V0	140	750°C noflame		
		WB5803N	PA66	V2	130	---	---	5.000
		WB5803NV0	PA66	V0	140	---		
		WB5803NH	PA6	V2	130	750°C noflame		
		WB58403NZ	PA66	V0	140	750°C noflame		
		WB5804N	PA66	V2	130	---	---	5.000
		WB5804NV0	PA66	V0	140	---		
		WB5804NH	PA6	V2	130	750°C noflame		
		WB5804NZ	PA66	V0	140	750°C noflame		
		WB5805N	PA66	V2	130	---	---	2.500
		WB5805NV0	PA66	V0	140	---		
		WB5805NH	PA6	V2	130	750°C noflame		
		WB5805NZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5805Q	PA66	V2	130	---	---	2.500
		WB5805QV0	PA66	V0	140	---		
		WB5805QH	PA6	V2	130	750°C noflame		
		WB5805QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5805R	PA66	V2	130	---	---	2.500
		WB5805RV0	PA66	V0	140	---		
		WB5805RH	PA6	V2	130	750°C noflame		
		WB5805RZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5806Q	PA66	V2	130	---	---	2.500
		WB5806QV0	PA66	V0	140	---		
		WB5806QH	PA6	V2	130	750°C noflame		
		WB5806QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5807Q	PA66	V2	130	---	---	2.000
		WB5807QV0	PA66	V0	140	---		
		WB5807QH	PA6	V2	130	750°C noflame		
		WB58407QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5808Q	PA66	V2	130	---	---	2.000
		WB5808QV0	PA66	V0	140	---		
		WB5808QH	PA6	V2	130	750°C noflame		
		WB5808QZ	PA66	V0	140	750°C noflame		
	 in asse / centered pol.	WB5809Q	PA66	V2	130	---	---	2.000
		WB5809QV0	PA66	V0	140	---		
		WB5809QH	PA6	V2	130	750°C noflame		
		WB5809QZ	PA66	V0	140	750°C noflame		



RS5 connectors

RAST 5 indirect connection

Passo 5.00mm – uscita cavo 90°
5.00mm centerline – wire exit 90°

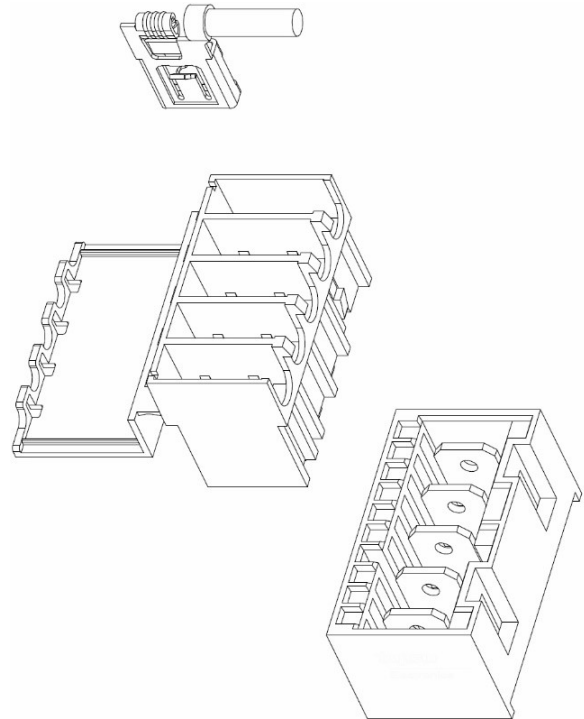
DESCRIZIONE / Overview

Questo tipo di connessione consiste in connettori multiviva passo 5.00mm e terminali femmina a crimpare per connessione indiretta su scheda elettronica. I connettori hanno interfaccia con una chiave di polarizzazione secondo lo standard RAST e un sistema secondary lock per evitare lo sgancio accidentale del contatto.

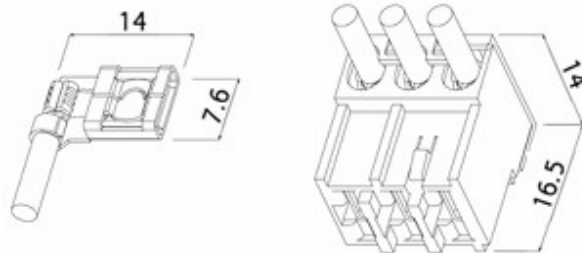
La tenuta del terminale nel connettore è garantita da un dente integrato nel terminale, mentre la tenuta sulla controparte a scheda è garantita dal gancio di sicurezza del connettore. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1

This connection system has pitch 5.00 housings and crimp contacts (sockets) with indirect mating to the printed circuit board. Housings have a polarizing system according to RAST standard and a secondary lock system to avoid accidental terminal release. Terminal retention into the housing is provided by the lance of the terminals, and the retention on the PCB wafer is granted by the housing safety lock.

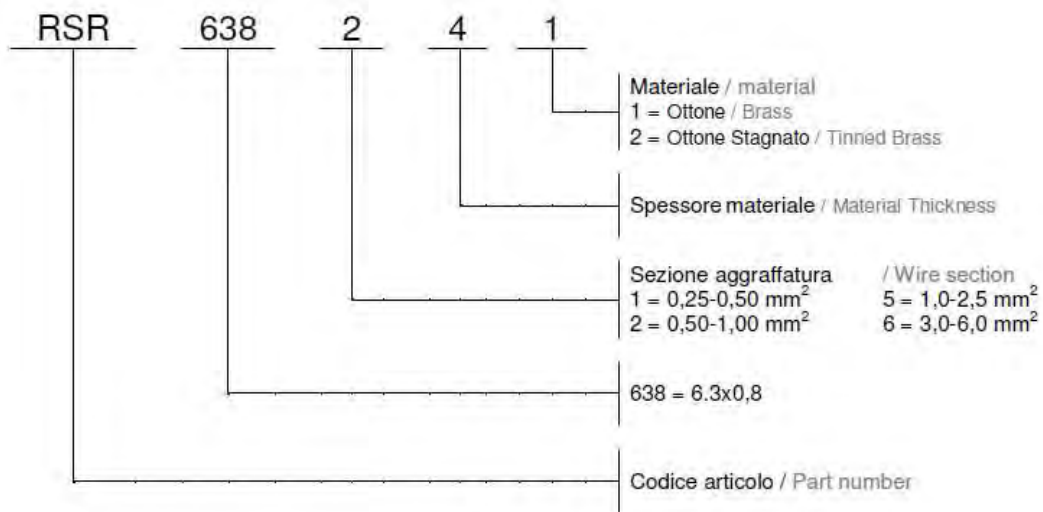
The connectors are available in materials compatible with the 'Glow Wire Test' according to the IEC 60335-1



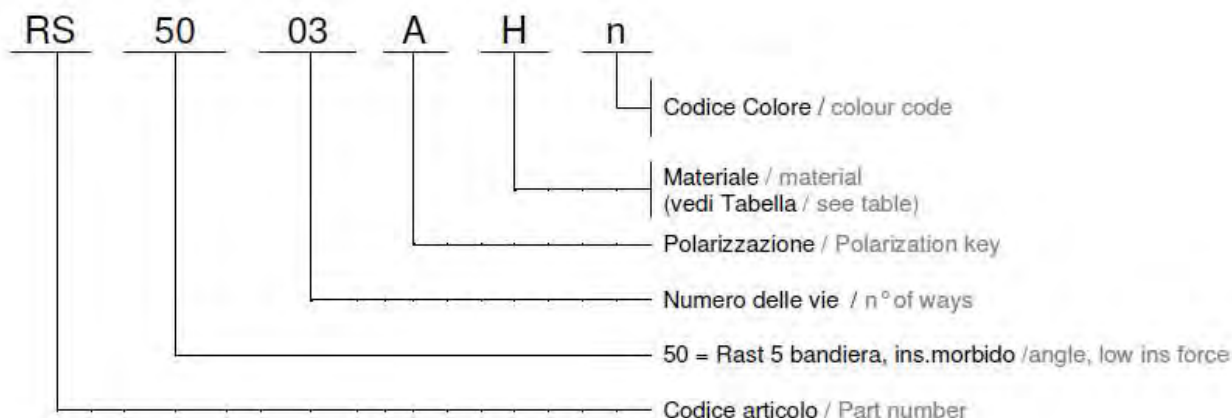
DIMENSIONI / Dimensions



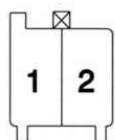
IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CHIAVE DI POLARIZZAZIONE / Polarization key



Le polarizzazioni realizzate secondo lo schema Rast sono indicate con le lettere dalla A alla L. (vedi tabelle)
La lettera N indica l'assenza di polarizzazione. La lettera X indica la presenza di tutte le polarizzazioni

Polarization key is indicated by the letters from A to L.

The letter N indicates the absence of polarization. The letter X indicates the presence of all polarization keys

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C NoFlame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,30-3,00 mm ² or 22-12 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	20A max


CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

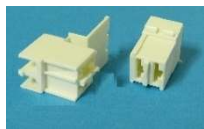

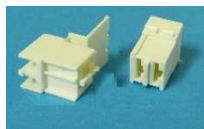

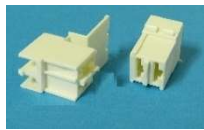

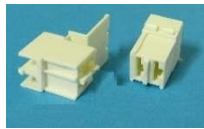

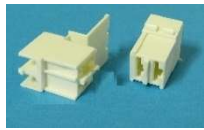

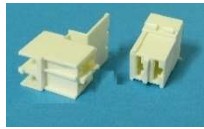

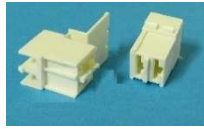

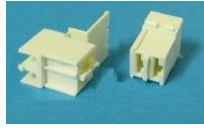

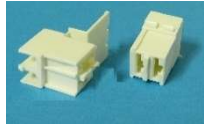

AUTOCERTIFICAZIONI / Product certification



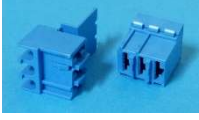
TERMINALI

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		RSR638241	0,30-1,00	22-17	Ottone /Brass	---	---	3 x 3.000
		RSR638243			Ottone /Brass	Stagnato /Tin plated	---	3 x 3.000
		RSR638441	0,50-1,50	20-15	Ottone /Brass	---	---	3 x 3.000
		RSR638443			Ottone /Brass	Stagnato /Tin plated	---	3 x 3.000
		RSR638541	1,50-3,00	15-12	Ottone /Brass	---	---	3 x 3.000
		RSR638543			Ottone /Brass	Stagnato /Tin plated	---	3 x 3.000

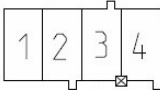
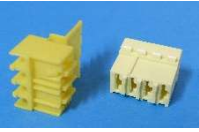
CONNESSIONE 2 VIE / 2 circuits connectors

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		RS5002A	PA66	V2	130	---	---	5.000
		RS5002AV0	PA66	V0	140	---		
		RS5002AH	PA6	V2	130	750°C noflame		
		RS5002AZ	PA66	V0	140	750°C noflame		
		RS5002B	PA66	V2	130	---	---	5.000
		RS5002BV0	PA66	V0	140	---		
		RS5002BH	PA6	V2	130	750°C noflame		
		RS5002BZ	PA66	V0	140	750°C noflame		
		RS5002C	PA66	V2	130	---	---	5.000
		RS5002CV0	PA66	V0	140	---		
		RS5002CH	PA6	V2	130	750°C noflame		
		RS5002CZ	PA66	V0	140	750°C noflame		
		RS5002D	PA66	V2	130	---	---	5.000
		RS5002DV0	PA66	V0	140	---		
		RS5002DH	PA6	V2	130	750°C noflame		
		RS5002DZ	PA66	V0	140	750°C noflame		
		RS5002E	PA66	V2	130	---	---	5.000
		RS5002EV0	PA66	V0	140	---		
		RS5002EH	PA6	V2	130	750°C noflame		
		RS5002EZ	PA66	V0	140	750°C noflame		
		RS5002F	PA66	V2	130	---	---	5.000
		RS5002FV0	PA66	V0	140	---		
		RS5002FH	PA6	V2	130	750°C noflame		
		RS5002FZ	PA66	V0	140	750°C noflame		
		RS5002G	PA66	V2	130	---	---	5.000
		RS5002GV0	PA66	V0	140	---		
		RS5002GH	PA6	V2	130	750°C noflame		
		RS5002GZ	PA66	V0	140	750°C noflame		
		RS5002L	PA66	V2	130	---	---	5.000
		RS5002LV0	PA66	V0	140	---		
		RS5002LH	PA6	V2	130	750°C noflame		
		RS5002LZ	PA66	V0	140	750°C noflame		
		RS5002M	PA66	V2	130	---	---	5.000
		RS5002MV0	PA66	V0	140	---		
		RS5002MH	PA6	V2	130	750°C noflame		
		RS5002MZ	PA66	V0	140	750°C noflame		




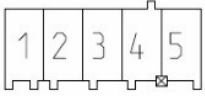





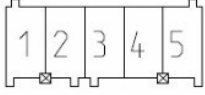

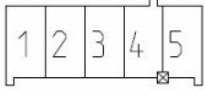
CONNESSIONE 3 VIE / 3 circuits connectors

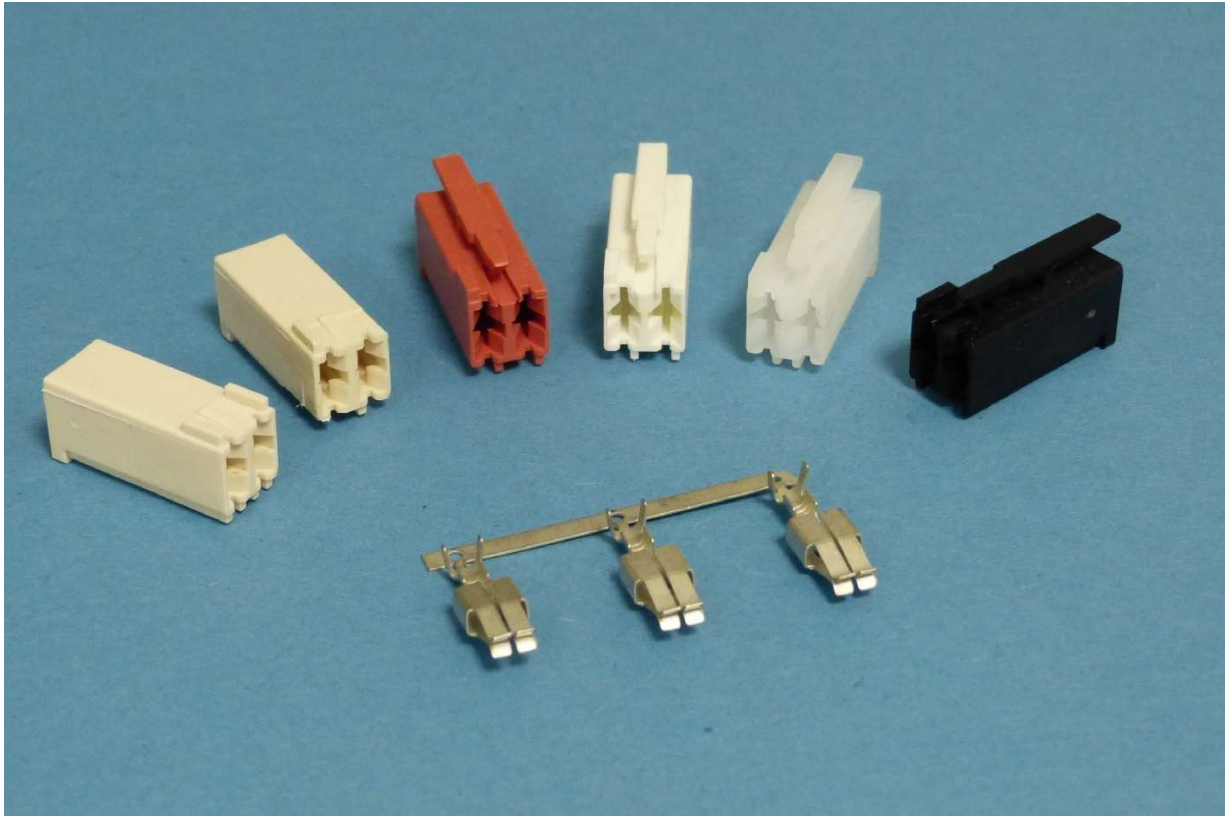
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				UL94	RTI	GWT		
		RS5003A	PA66	V2	130	---	---	2.500
		RS5003AV0	PA66	V0	140	---		
		RS5003AH	PA6	V2	130	750°C noflame		
		RS5003AZ	PA66	V0	140	750°C noflame		
		RS5003B	PA66	V2	130	---	---	2.500
		RS5003BV0	PA66	V0	140	---		
		RS5003BH	PA6	V2	130	750°C noflame		
		RS5003BZ	PA66	V0	140	750°C noflame		
		RS5003C	PA66	V2	130	---	---	2.500
		RS5003CV0	PA66	V0	140	---		
		RS5003CH	PA6	V2	130	750°C noflame		
		RS5003CZ	PA66	V0	140	750°C noflame		
		RS5003D	PA66	V2	130	---	---	2.500
		RS5003DV0	PA66	V0	140	---		
		RS5003DH	PA6	V2	130	750°C noflame		
		RS5003DZ	PA66	V0	140	750°C noflame		
		RS5003E	PA66	V2	130	---	---	2.500
		RS5003EV0	PA66	V0	140	---		
		RS5003EH	PA6	V2	130	750°C noflame		
		RS5003EZ	PA66	V0	140	750°C noflame		
		RS5003F	PA66	V2	130	---	---	2.500
		RS5003FV0	PA66	V0	140	---		
		RS5003FH	PA6	V2	130	750°C noflame		
		RS5003FZ	PA66	V0	140	750°C noflame		
		RS5003G	PA66	V2	130	---	---	2.500
		RS5003GV0	PA66	V0	140	---		
		RS5003GH	PA6	V2	130	750°C noflame		
		RS5003GZ	PA66	V0	140	750°C noflame		
		RS5003L	PA66	V2	130	---	---	2.500
		RS5003LV0	PA66	V0	140	---		
		RS5003LH	PA6	V2	130	750°C noflame		
		RS5003LZ	PA66	V0	140	750°C noflame		
		RS5003M	PA66	V2	130	---	---	2.500
		RS5003MV0	PA66	V0	140	---		
		RS5003MH	PA6	V2	130	750°C noflame		
		RS5003MZ	PA66	V0	140	750°C noflame		

CONNESSIONE 4 VIE / 4 circuits connectors

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		RS5004A	PA66	V2	130	---	---	2.500
		RS5004AV0	PA66	V0	140	---		
		RS5004AH	PA6	V2	130	750°C noflame		
		RS5004AZ	PA66	V0	140	750°C noflame		
		RS5004B	PA66	V2	130	---	---	2.500
		RS5004BV0	PA66	V0	140	---		
		RS5004BH	PA6	V2	130	750°C noflame		
		RS5004BZ	PA66	V0	140	750°C noflame		
		RS5004C	PA66	V2	130	---	---	2.500
		RS5004CV0	PA66	V0	140	---		
		RS5004CH	PA6	V2	130	750°C noflame		
		RS5004CZ	PA66	V0	140	750°C noflame		
		RS5004D	PA66	V2	130	---	---	2.500
		RS5004DV0	PA66	V0	140	---		
		RS5004DH	PA6	V2	130	750°C noflame		
		RS5004DZ	PA66	V0	140	750°C noflame		
		RS5004E	PA66	V2	130	---	---	2.500
		RS5004EV0	PA66	V0	140	---		
		RS5004EH	PA6	V2	130	750°C noflame		
		RS5004EZ	PA66	V0	140	750°C noflame		
		RS5004F	PA66	V2	130	---	---	2.500
		RS5004FV0	PA66	V0	140	---		
		RS5004FH	PA6	V2	130	750°C noflame		
		RS5004FZ	PA66	V0	140	750°C noflame		

CONNESSIONE 5 VIE / 5 circuits connectors

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		RS5005A	PA66	V2	130	---	---	2.500
		RS5005AV0	PA66	V0	140	---		
		RS5005AH	PA6	V2	130	750°C noflame		
		RS5005AZ	PA66	V0	140	750°C noflame		
		RS5005B	PA66	V2	130	---	---	2.500
		RS5005BV0	PA66	V0	140	---		
		RS5005BH	PA6	V2	130	750°C noflame		
		RS5005BZ	PA66	V0	140	750°C noflame		
		RS5005C	PA66	V2	130	---	---	2.500
		RS5005CV0	PA66	V0	140	---		
		RS5005CH	PA6	V2	130	750°C noflame		
		RS5005CZ	PA66	V0	140	750°C noflame		
		RS5005D	PA66	V2	130	---	---	2.500
		RS5005DV0	PA66	V0	140	---		
		RS5005DH	PA6	V2	130	750°C noflame		
		RS5005DZ	PA66	V0	140	750°C noflame		
		RS5005E	PA66	V2	130	---	---	2.500
		RS5005EV0	PA66	V0	140	---		
		RS5005EH	PA6	V2	130	750°C noflame		
		RS5005EZ	PA66	V0	140	750°C noflame		
		RS5005G	PA66	V2	130	---	---	2.500
		RS5005GV0	PA66	V0	140	---		
		RS5005GH	PA6	V2	130	750°C noflame		
		RS5005GZ	PA66	V0	140	750°C noflame		



RS5 connectors

RAST 5 indirect connection

Passo 5.00mm – uscita cavo 180° e terminale LIF

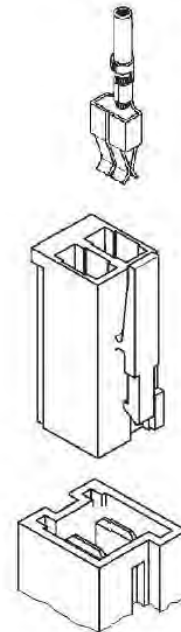
5.00mm centerline – wire exit 180° and LIF terminal

DESCRIZIONE / Overview

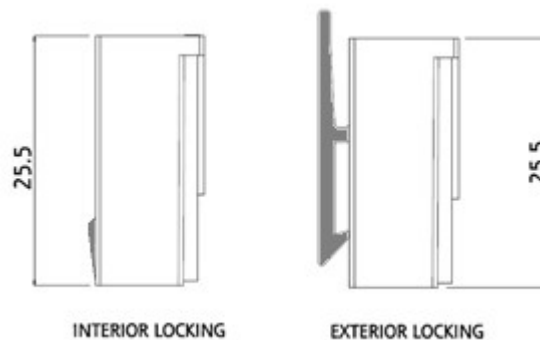
Questo tipo di connessione consiste in connettori multiviva passo 5.00mm e terminali femmina a crimpare ad inserimento morbido per connessione indiretta su scheda elettronica. I connettori hanno interfaccia con una chiave di polarizzazione secondo il sistema RAST. La tenuta del terminale nel connettore è garantita da un dente integrato nel terminale, mentre la tenuta sulla basetta a scheda è garantita dal gancio di sicurezza del connettore. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico.

This connection system is a range of housings with pitch 5.00 and Low Insertion Force crimp contacts (sockets) with indirect mating to the printed circuit board. Housings have an interface with a polarizing key according to RAST system. Terminal retention into the housing is provided by the lance of the terminals, and the retention on the Pcb header is granted by the housing safety lock.

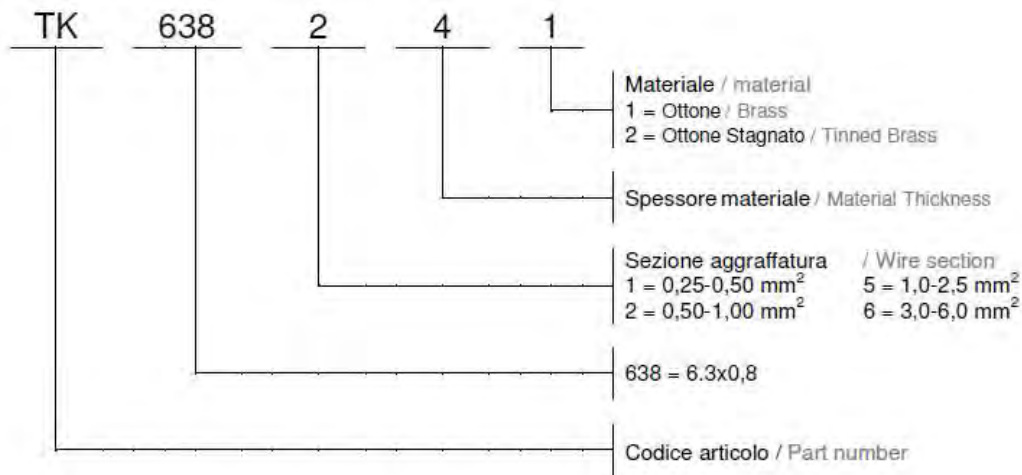
The connectors are available in materials compatible with the 'Glow Wire Test' according to the IEC 60335-1 and have applications in electrical wiring used in the small and large appliance.



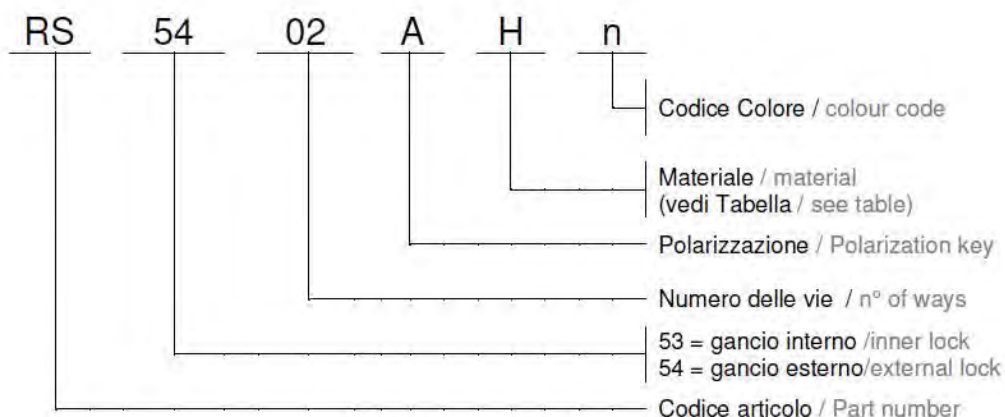
DIMENSIONI / Dimensions



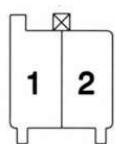
IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CHIAVE DI POLARIZZAZIONE / Polarization key



Le polarizzazioni realizzate secondo lo schema Rast sono indicate con le lettere dalla A alla L. (vedi tabelle)
La lettera N indica l'assenza di polarizzazione. La lettera X indica la presenza di tutte le polarizzazioni

Polarization key is indicated by the letters from A to L.

The letter N indicates the absence of polarization. The letter X indicates the presence of all polarization keys

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,50-2,50 mm ² or 20-13 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	6 A max

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

CERTIFICAZIONI SUL PRODOTTO / Product Approvals




ECCT2.E304173

AUTOCERTIFICAZIONI / Product certification




TERMINALI

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		TK638242	0,50-1,00	20-17	Br.Fosforoso Phosphor Br.	Stagnato Tin plated	---	6 x 2.500
		TK638542	1,00-2,50	17-13	Br.Fosforoso Phosphor Br.	Stagnato Tin plated	---	6 x 2.000





CONNESSIONE CON GANCIO INTERNO / Connectors with interior lock

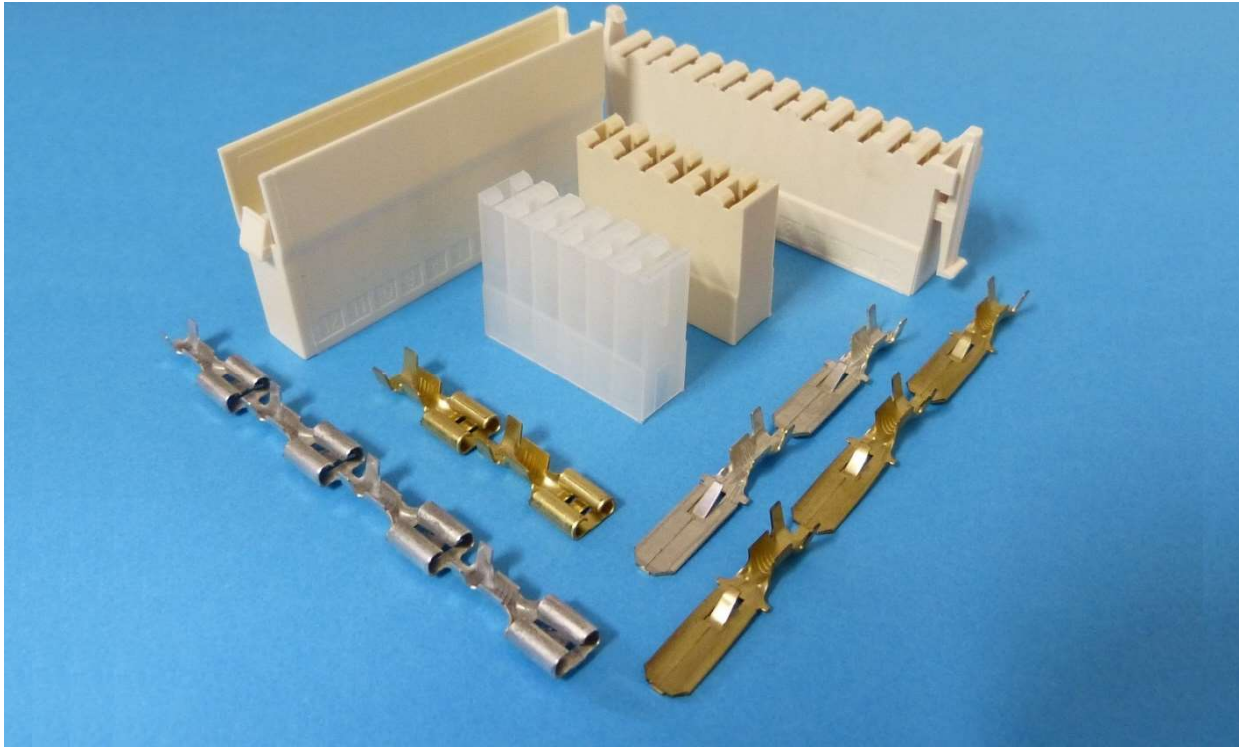
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		RS5302A	PA66	V2	130	---	---	5.000
		RS5302AV0	PA66	V0	140	---		
		RS5302AH	PA6	V2	130	750°C noflame		
		RS5302AZ	PA66	V0	140	750°C noflame		
		RS5302B	PA66	V2	130	---	---	5.000
		RS5302BV0	PA66	V0	140	---		
		RS5302BH	PA6	V2	130	750°C noflame		
		RS5302BZ	PA66	V0	140	750°C noflame		
		RS5302C	PA66	V2	130	---	---	5.000
		RS5302CV0	PA66	V0	140	---		
		RS5302CH	PA6	V2	130	750°C noflame		
		RS5302CZ	PA66	V0	140	750°C noflame		
		RS5302D	PA66	V2	130	---	---	5.000
		RS5302DV0	PA66	V0	140	---		
		RS5302DH	PA6	V2	130	750°C noflame		
		RS5302DZ	PA66	V0	140	750°C noflame		
		RS5302E	PA66	V2	130	---	---	5.000
		RS5302EV0	PA66	V0	140	---		
		RS5302EH	PA6	V2	130	750°C noflame		
		RS5302EZ	PA66	V0	140	750°C noflame		
		RS5302F	PA66	V2	130	---	---	5.000
		RS5302FV0	PA66	V0	140	---		
		RS5302FH	PA6	V2	130	750°C noflame		
		RS5302FZ	PA66	V0	140	750°C noflame		
		RS5302G	PA66	V2	130	---	---	5.000
		RS5302GV0	PA66	V0	140	---		
		RS5302GH	PA6	V2	130	750°C noflame		
		RS5302GZ	PA66	V0	140	750°C noflame		
		RS5302L	PA66	V2	130	---	---	5.000
		RS5302LV0	PA66	V0	140	---		
		RS5302LH	PA6	V2	130	750°C noflame		
		RS5302LZ	PA66	V0	140	750°C noflame		
		RS5302M	PA66	V2	130	---	---	5.000
		RS5302MV0	PA66	V0	140	---		
		RS5302MH	PA6	V2	130	750°C noflame		
		RS5302MZ	PA66	V0	140	750°C noflame		

TERMINALI

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		TK638242	0,50-1,00	20-17	Br.Fosforoso Phosphor Br.	Stagnato Tin plated	---	6 x 2.500
		TK638542	1,00-2,50	17-13	Br.Fosforoso Phosphor Br.	Stagnato Tin plated	---	6 x 2.000

CONNESSIONE CON GANCIO ESTERNO / Connectors with exterior lock

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		RS5402A	PA66	V2	130	---	---	5.000
		RS5402AV0	PA66	V0	140	---		
		RS5402AH	PA6	V2	130	750°C noflame		
		RS5402AZ	PA66	V0	140	750°C noflame		
		RS5402B	PA66	V2	130	---	---	5.000
		RS5402BV0	PA66	V0	140	---		
		RS5402BH	PA6	V2	130	750°C noflame		
		RS5402BZ	PA66	V0	140	750°C noflame		
		RS5402C	PA66	V2	130	---	---	5.000
		RS5402CV0	PA66	V0	140	---		
		RS5402CH	PA6	V2	130	750°C noflame		
		RS5402CZ	PA66	V0	140	750°C noflame		
		RS5402D	PA66	V2	130	---	---	5.000
		RS5402DV0	PA66	V0	140	---		
		RS5402DH	PA6	V2	130	750°C noflame		
		RS5402DZ	PA66	V0	140	750°C noflame		
		RS5402E	PA66	V2	130	---	---	5.000
		RS5402EV0	PA66	V0	140	---		
		RS5402EH	PA6	V2	130	750°C noflame		
		RS5402EZ	PA66	V0	140	750°C noflame		
		RS5402F	PA66	V2	130	---	---	5.000
		RS5402FV0	PA66	V0	140	---		
		RS5402FH	PA6	V2	130	750°C noflame		
		RS5402FZ	PA66	V0	140	750°C noflame		
		RS5402G	PA66	V2	130	---	---	5.000
		RS5402GV0	PA66	V0	140	---		
		RS5402GH	PA6	V2	130	750°C noflame		
		RS5402GZ	PA66	V0	140	750°C noflame		
		RS5402L	PA66	V2	130	---	---	5.000
		RS5402LV0	PA66	V0	140	---		
		RS5402LH	PA6	V2	130	750°C noflame		
		RS5402LZ	PA66	V0	140	750°C noflame		
		RS5402M	PA66	V2	130	---	---	5.000
		RS5402MV0	PA66	V0	140	---		
		RS5402MH	PA6	V2	130	750°C noflame		
		RS5402MZ	PA66	V0	140	750°C noflame		



CT5 connector system

6,3 series

Passo 5.00mm

Pitch 5.00mm

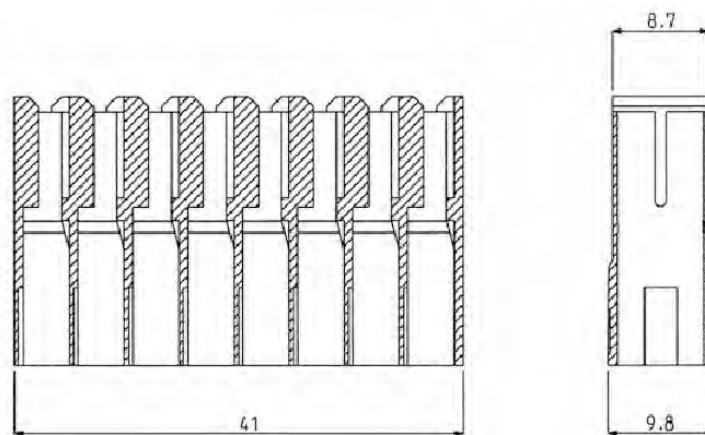
DESCRIZIONE / Overview

L'assenza di polarizzazioni, il passo 5.00mm e il tipo di contatto utilizzato rendono questo tipo di connessione semplice, economico e facile da utilizzare. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. La connessione consiste in un connettore multiviva a passo 5.00mm con un terminale femmina a crimpare. La tenuta del terminale nel connettore è garantita da un dente integrato nel terminale.

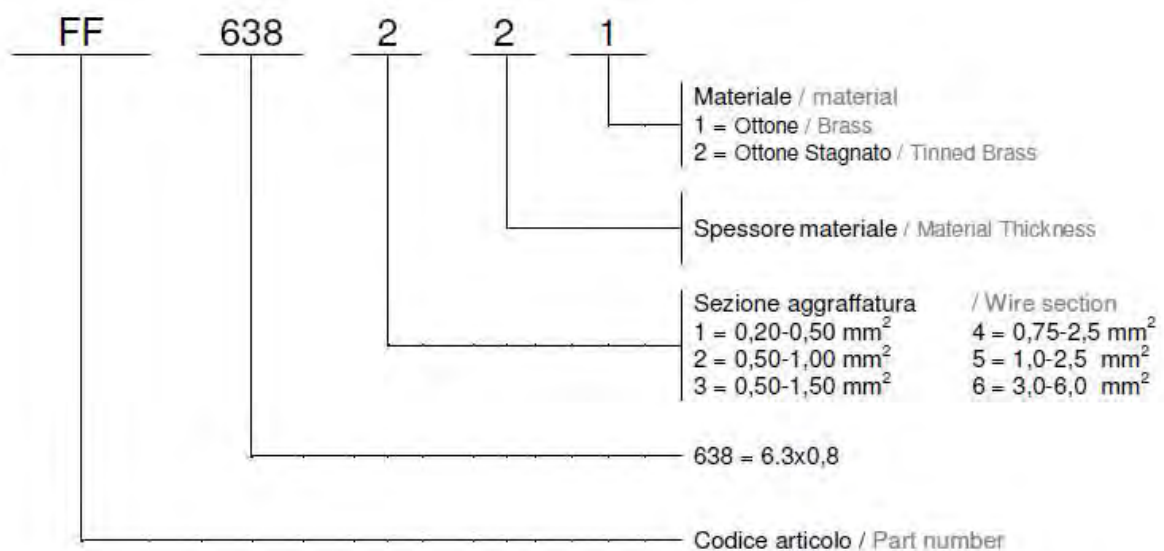
This connection system is a range of housings with pitch 5mm mating 6,3mm series terminals. The connectors are available in materials compatible with the 'Glow Wire Test' according to the IEC 60335-1 and have applications in electrical wiring used in the small and large appliance.

A connector assembly consists of a 5.00mm pitch housing with a specified number of crimp contacts (sockets). Terminal retention into the housing is provided by the lance of the terminals.

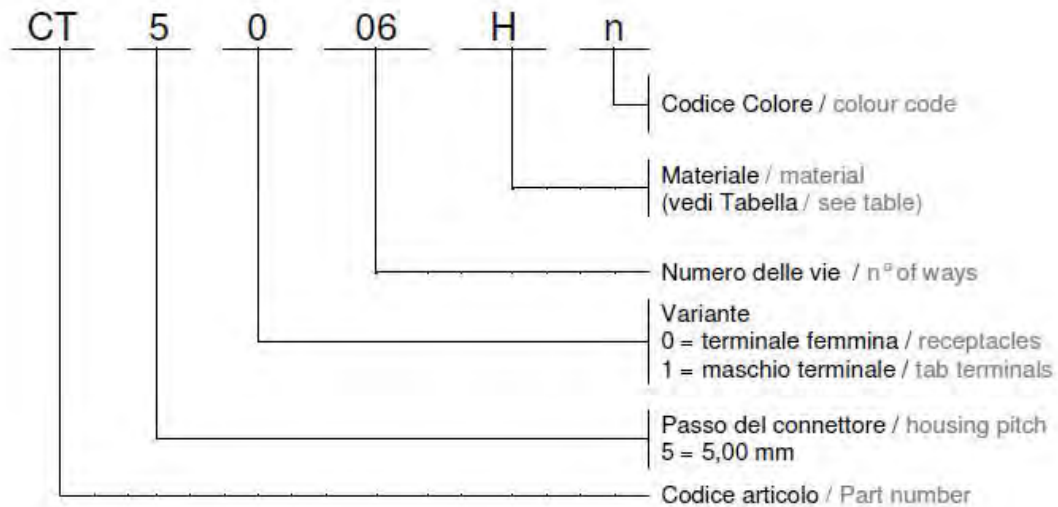
DIMENSIONI / Dimensions



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,50-6,00 mm ² or 20-10 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC max
Portata di corrente / Rated Current (max.)	20A max per contatto / max 20A each contact

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

CERTIFICAZIONI SUL PRODOTTO / Product Approvals










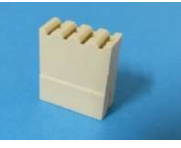
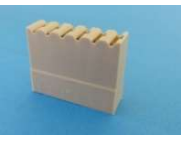

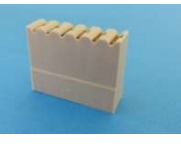






ECCT2.E304173
RFBV.E326092
RFBV2.E326092

AUTOCERTIFICAZIONI / Product certification











CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21,4mm	FF638321	0,50-1,00	20-17	Ottone-Brass	---		3 x 5.000
	21,4mm	FF638322	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21,5mm	FF638421	0,75-2,50	18-13	Ottone-Brass	---		3 x 5.000
	21,5mm	FF638422	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	20,9mm	FF638621	3,00-6,00	13-10	Ottone-Brass	---		3 x 5.000
	20,9mm	FF638622	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
Terminale con nervatura di rinforzo sul dentino / beat in locking lance								
	21,6mm	FF638221	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FF638222	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21,6mm	FF638521	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FF638522	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CT5002	PA66	V2	130	---	---	5.000
		CT5002V0	PA66	V0	140	---		
		CT5002H	PA6	V2	130	750°C noflame		
		CT5002Z	PA66	V0	140	750°C noflame		
	3	CT5003	PA66	V2	130	---	---	5.000
		CT5003V0	PA66	V0	140	---		
		CT5003H	PA6	V2	130	750°C noflame		
		CT5003Z	PA66	V0	140	750°C noflame		
	4	CT5004	PA66	V2	130	---	---	2.500
		CT5004V0	PA66	V0	140	---		
		CT5004H	PA6	V2	130	750°C noflame		
		CT5004Z	PA66	V0	140	750°C noflame		
	5	CT5005	PA66	V2	130	---	---	2.500
		CT5005V0	PA66	V0	140	---		
		CT5005H	PA6	V2	130	750°C noflame		
		CT5005Z	PA66	V0	140	750°C noflame		
	6	CT5006	PA66	V2	130	---	---	2.500
		CT5006V0	PA66	V0	140	---		
		CT5006H	PA6	V2	130	750°C noflame		
		CT5006Z	PA66	V0	140	750°C noflame		
	7	CT5007	PA66	V2	130	---	---	1.500
		CT5007V0	PA66	V0	140	---		
		CT5007H	PA6	V2	130	750°C noflame		
		CT5007Z	PA66	V0	140	750°C noflame		
	8	CT5008	PA66	V2	130	---	---	1.500
		CT5008V0	PA66	V0	140	---		
		CT5008H	PA6	V2	130	750°C noflame		
		CT5008Z	PA66	V0	140	750°C noflame		
	9	CT5009	PA66	V2	130	---	---	1.500
		CT5009V0	PA66	V0	140	---		
		CT5009H	PA6	V2	130	750°C noflame		
		CT5009Z	PA66	V0	140	750°C noflame		
	10	CT5010	PA66	V2	130	---	---	1.500
		CT5010V0	PA66	V0	140	---		
		CT5010H	PA6	V2	130	750°C noflame		
		CT5010Z	PA66	V0	140	750°C noflame		
	11	CT5011	PA66	V2	130	---	---	1.500
		CT5011V0	PA66	V0	140	---		
		CT5011H	PA6	V2	130	750°C noflame		
		CT5011Z	PA66	V0	140	750°C noflame		
	12	CT5012	PA66	V2	130	---		1.500
		CT5012H	PA6	V2	130	750°C noflame		
		CT5012Z	PA66	V0	140	750°C noflame		

CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.N E Package
			mm ²	AWG				
	30,0mm	FM638131	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	FM638132	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	FM638231	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 4.000
	30,0mm	FM638232	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	30,0mm	FM638331	0,50-1,00	20-17	Ottone-Brass	---		3 x 4.000
	30,0mm	FM638332	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	FM638431	0,75-2,50	18-13	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638432	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	FM638531	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 3.500
	30,0mm	FM638532	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 3.500
Terminale con foro / terminal with hole								
	30,0mm	FMF638131	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	FMF638132	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	FMF638331	0,75-2,50	18-13	Ottone-Brass	---		3 x 4.000
	30,0mm	FMF638332	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	FMF638431	0,50-1,00	20-17	Ottone-Brass	---		3 x 3.500
	30,0mm	FMF638432	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	FMF638632	3,00-6,00	13-10	Ottone-Brass	---		3 x 4.000
	30,0mm	FMF638632	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	12	CT5112	PA66	V2	130	---	---	1.250
		CT5112H	PA6	V0	140	---		
		CT5112Z	PA66	V2	130	750°C noflame		



FT4 series

Wire-to-wire Connectors

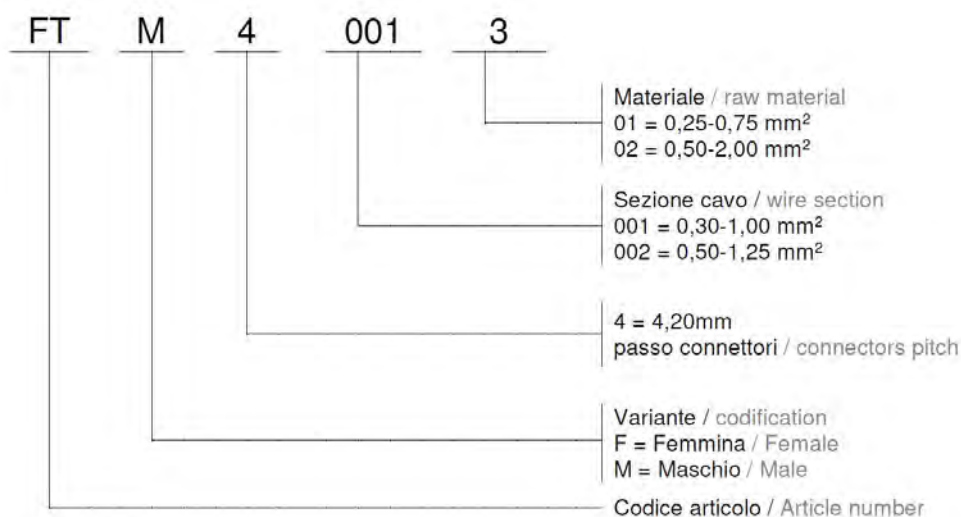
Passo 4.20mm
Pitch 4.20mm

DESCRIZIONE / Overview

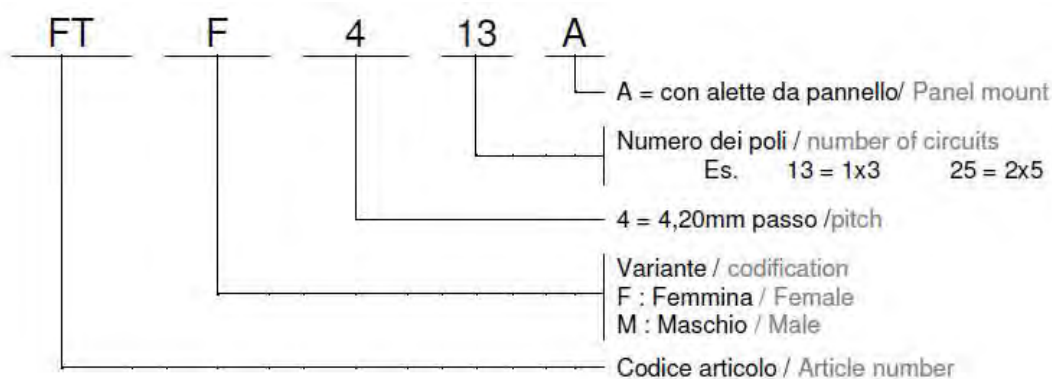
Questo tipo di connessione con passo 4,20mm consiste in connettori maschio porta contatto femmina e connettori femmina porta contatto maschio, dove quest'ultimi hanno la predisposizione per il montaggio a pannello. I connettori sono disponibili in materiali con grado di autoestinguenza V2 e V0 secondo la UL94. Trovano applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. La connessione consiste in conettoie multivia su 2 file di contatti. Per una maggiore sicurezza i connettori maschi accettano solamente contatti a crimpare femmina e i connettori femmina accettano solamente i contatti a crimpare maschi. I connettori femmina inoltre sono adatti al montaggio a pannello.

This connection system with pitch 4,20mm is a range of housings with plugs and pins contact and male and female housings. Female housings have the panel mount option. All connector housings are available in materials with self-extinguishing rate V2 or V0 according to UL94. This range of connectors have applications in electrical wiring used in the small and large appliance. A connector assembly consists of double raw housings with a specified number of crimp contacts (sockets) . Male housings mates only sockets and female housings mates only pin terminals. Female housings have panel mounts.

IDENTIFICAZIONE TERMINALI / Terminals Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2 , PA66-V0 Glow Wire capable (750°C NoFlame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,30-1,00 mm ² or 22-17 AWG
Tensione della corrente di lavoro / Rated Voltage	600V AC/DC
Portata di corrente / Rated Current (max.)	8A max
Resistenza del contatto / Contact Resistance	12 mΩ min


CARATTERISTICHE ELETTRICHE / Electrical Specification

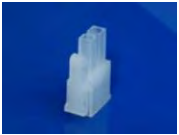




Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	10 mΩ max

AUTOCERTIFICAZIONI / Product certification






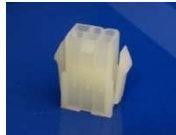


CONNESSIONE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	11.0mm	FTF10013	0,30-1,00	22-17	Ottone Brass	Stagnato Tinned	---	6 x 3.500


DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTM412	PA66	V2	130	---	---	2.000
		FTM412V0	PA66	V0	140	---		
	2x2	FTM422	PA66	V2	130	---	---	2.000
		FTM422V0	PA66	V0	140	---		
	2x3	FTM423	PA66	V2	130	---	---	2.000
		FTM423V0	PA66	V0	140	---		
	2x4	FTM424	PA66	V2	130	---	---	2.000
		FTM424V0	PA66	V0	140	---		
	2x5	FTM425	PA66	V2	130	---	---	2.000
		FTM425V0	PA66	V0	140	---		

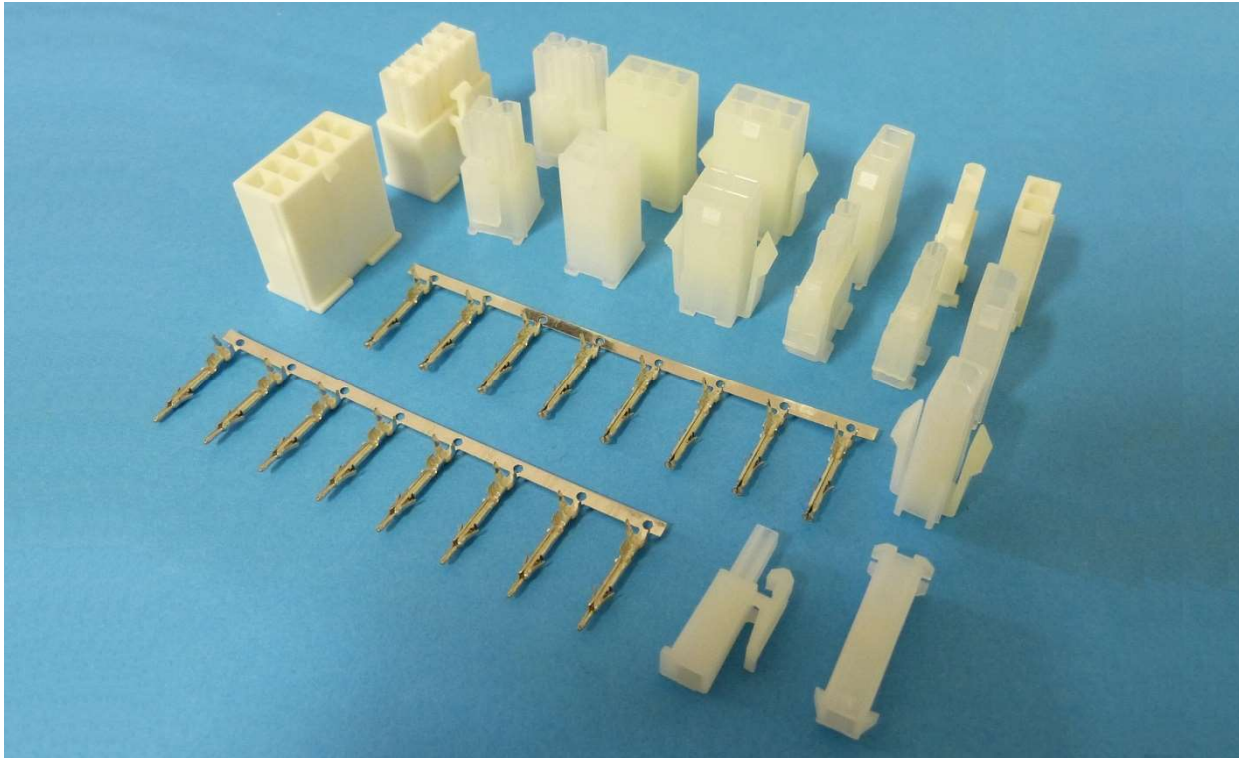
CONNESSIONE FEMMINA DA PANNELLO / Female connection with panel mount

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENT O Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		FTM10013	0,30-1,00	22-17	Ottone Brass	Stagnato Tinned	---	6 x 3.500

DESCRIZIONE Description	n. vie n.circui t	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTF412A	PA66	V2	130	---	---	2.000
		FTF412AV0	PA66	V0	140	---		
	2x2	FTF422A	PA6	V2	130	---	---	2.000
		FTF422AV0	PA66	V0	140	---		
	2x3	FTF423A	PA66	V2	130	---	---	2.000
		FTF423AV0	PA66	V0	140	---		
	2x4	FTF424A	PA6	V2	130	---	---	2.000
		FTF424AV0	PA66	V0	140	---		
	2x5	FTF425A	PA66	V2	130	---	---	2.000
		FTF425AV0	PA66	V0	140	---		

CONNESSIONE FEMMINA VOLANTE / Female connection

DESCRIZIONE Description	n. vie n.circui t	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTF412	PA66	V2	130	---	---	2.000
		FTF412V0	PA66	V0	140	---		



CR4 series

Wire-to-wire Connectors

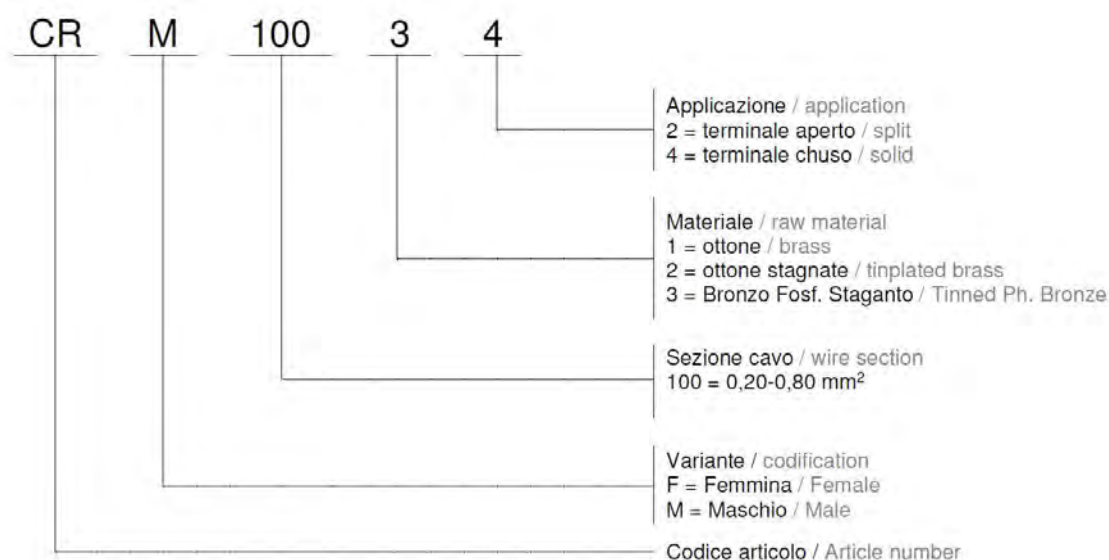
Passo 4.14mm
Pitch 4.14mm

DESCRIZIONE / Overview

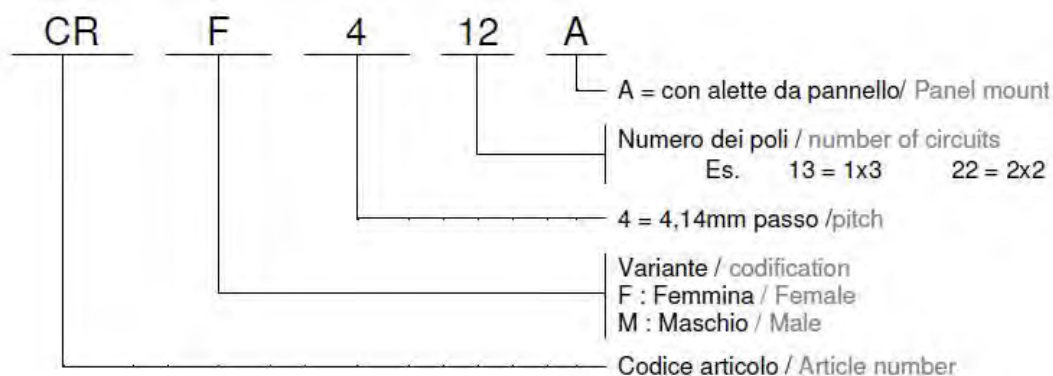
Questo tipo di connessione con passo 4,14mm consiste in connettori porta contatto maschio e connettori porta contatto femmina, dove quest'ultimi possono avere la predisposizione per il montaggio a pannello. I connettori sono disponibili in materiali con grado di autoestinguenza V2 e V0 secondo la UL94 ed hanno applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. La connessione consiste in connettori maschio e femmina che possono montare contatti maschio o femmina a crimpare. La connessione può essere volante o su scheda elettronica, quest'ultima con connettori da scheda premontati con terminali a saldare maschi o femmina. La tenuta del terminale nel connettore è garantita dai ganci integrati nel terminale.

This connection system with pitch 4,14mm is a range of housings with plugs and pins contact and male and female housings. Female housings could have the panel mount option. All connector housings are available in materials with self-extinguishing rate V2 or V0 according to UL94. This range of connectors have applications in electrical wiring used in the small and large appliance. A connector assembly consists of male and female housing with a specified number of crimp contacts (sockets or pins) The connection can wire-to-wire or wire-to-board by a header supplied with preloaded solder-tail pin or socket contacts. Terminal retention into the housing is provided by lances that are integrated in the contacts.

IDENTIFICAZIONE TERMINALI / Receptacles Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C NoFlame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,35-0,75 mm ² or 22-18 AWG
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC
Portata di corrente / Rated Current (max.)	10A max
Resistenza del contatto / Contact Resistance	20 mΩ min

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	20 mΩ max

CERTIFICAZIONI SUL PRODOTTO / Product Approvals



ECCT2.E304173


AUTOCERTIFICAZIONI / Product certification








RoHS


REACH





CONNESSIONE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.N E Package
			mm ²	AWG				
	11.0mm	CRF10013	0,35-0,75	22-18	Ottone Brass	Stagnato Tinned	---	6 x 5.000
	11.0mm	CRF10034	0,35-0,75 (0,35+0,35)	22-18 (22+22)	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 5.000




DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1x2	CRM412	PA66	V2	130	---		5.000
		CRM412V0	PA66	V0	140	---		
		CRM412H	PA6	V2	130	750°C noflame		
		CRM412Z	PA66	V0	140	750°C noflame		
	1x3	CRM413	PA66	V2	130	---	---	2.000
		CRM413V0	PA66	V0	140	---		
		CRM413H	PA6	V2	130	750°C noflame		
		CRM413Z	PA66	V0	140	750°C noflame		
	2x2	CRM422	PA66	V2	130	---	---	2.000
		CRM422V0	PA66	V0	140	---		
		CRM422H	PA6	V2	130	750°C noflame		
		CRM422Z	PA66	V0	140	750°C noflame		
	2x3	CRM423	PA66	V2	130	---	---	2.000
		CRM423V0	PA66	V0	140	---		
		CRM423H	PA6	V2	130	750°C noflame		
		CRM423Z	PA66	V0	140	750°C noflame		

CONNESSIONE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	11.0mm	CRM10013	0,35-0,75	22-18	Ottone Brass	Stagnato Tinned	---	6 x 5.000
	11.0mm	CRM10034	0,35-0,75 (0,35+0,35)	22-18 (22+22)	Br.Fosforoso Phosphor Br.	Stagnato Tinned	---	6 x 5.000


DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1x2	CRF412	PA66	V2	130	---		5.000
		CRF412V0	PA66	V0	140	---		
		CRF412H	PA6	V2	130	750°C noflame		
		CRF412Z	PA66	V0	140	750°C noflame		
	1x3	CRF413	PA66	V2	130	---	---	2.000
		CRF413V0	PA66	V0	140	---		
		CRF413H	PA6	V2	130	750°C noflame		
		CRF413Z	PA66	V0	140	750°C noflame		
	2x2	CRF422	PA66	V2	130	---	---	2.000
		CRF422V0	PA66	V0	140	---		
		CRF422H	PA6	V2	130	750°C noflame		
		CRF422Z	PA66	V0	140	750°C noflame		
	2x3	CRF423	PA66	V2	130	---	---	2.000
		CRF423V0	PA66	V0	140	---		
		CRF423H	PA6	V2	130	750°C noflame		
		CRF423Z	PA66	V0	140	750°C noflame		

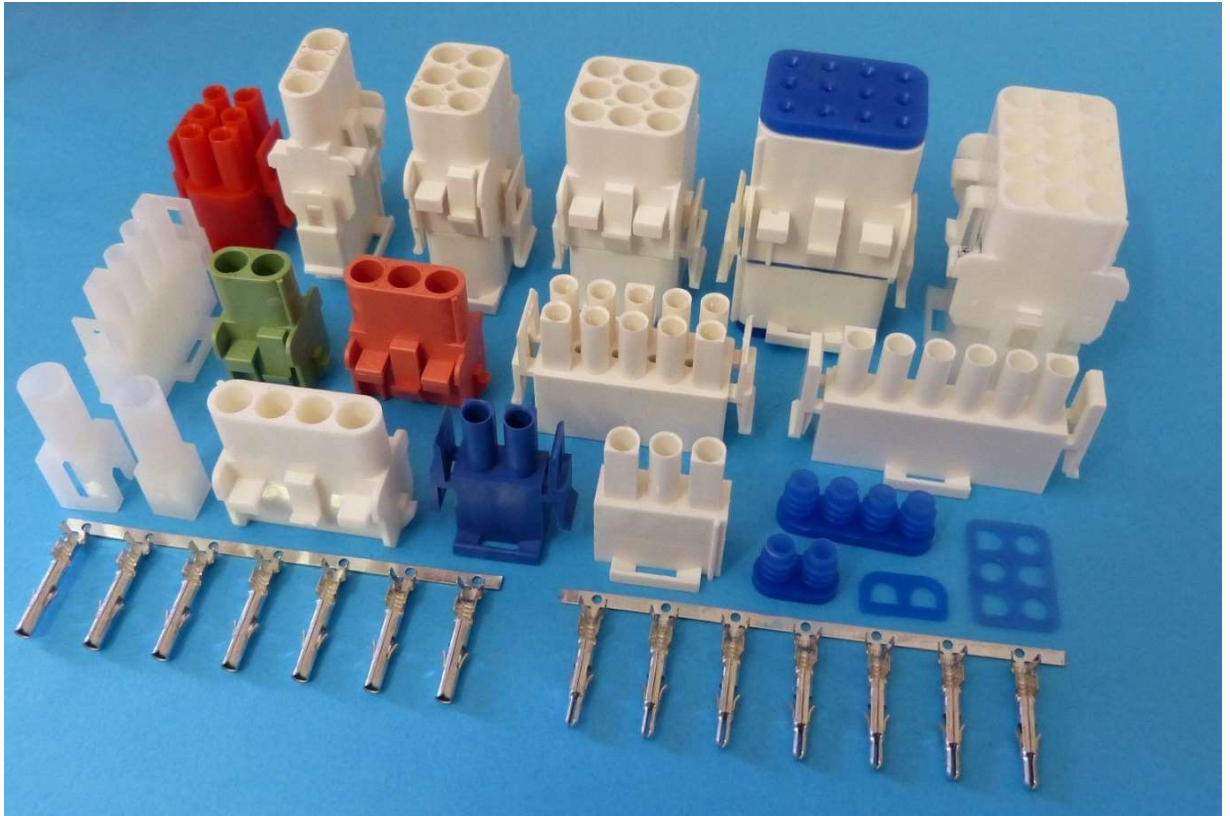
CONNESSIONE FEMMINA DA PANNELLO / Female connection with panel mount

	1x2	CRF412A	PA66	V2	130	---	---	2.000
		CRF412AV0	PA66	V0	140	---		
	2x2	CRF422A	PA66	V2	130	---	---	2.000
		CRF422AV0	PA66	V0	140	---		
	1x2	CRF423A	PA66	V2	130	---	---	2.000
		CRF423AV0	PA66	V0	140	---		

GUARNIZIONI / Seals

CAVO / Wire

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING		CONF.NE Industriale Wholesale Package	CONF.NE ridotta Retail Package
				UL94	RTI		
	1	411WIRE	silicone	V2	130	5.000	500



CR6 series

Wire-to-wire Connectors

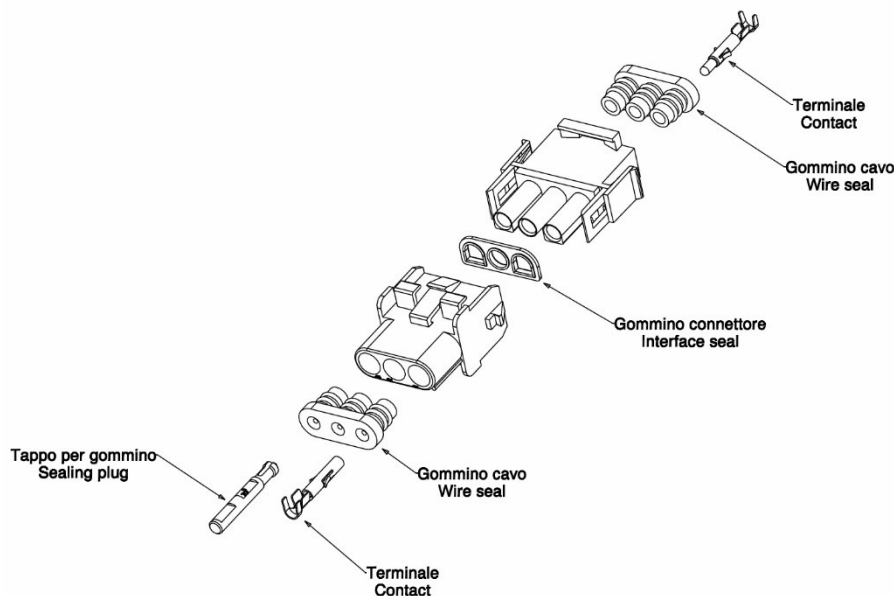
Passo 6.35mm
Pitch 6.35mm

DESCRIZIONE / Overview

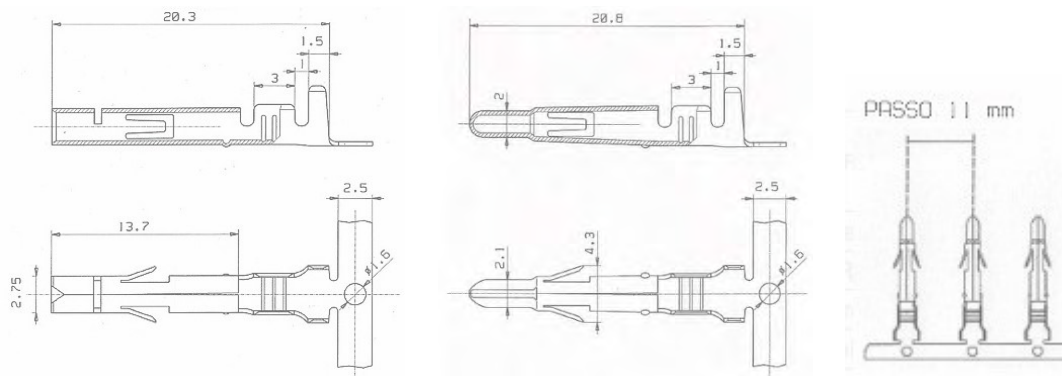
La famiglia di connettori passo 6,35mm ha un sistema di polarizzazione, un sistema di accoppiamento con ganci per evitare lo sgancio accidentale e può essere resa impermeabile con l'utilizzo delle apposite guarnizioni in silicone. Inoltre i connettori femmina possono essere montati a pannello. Utilizzabili con circuiti di alimentazione o con circuiti di segnale a bassa tensione, i connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC60335-1. Questa famiglia di connettori ha applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico.

La connessione consiste in connettori maschio e femmina che possono montare contatti maschio o femmina a crimpare. La connessione può essere volante o su scheda elettronica, quest'ultima con connettori da scheda premontati con terminali a saldare maschi o femmina. La tenuta del terminale nel connettore è garantita dai ganci integrati nel terminale.

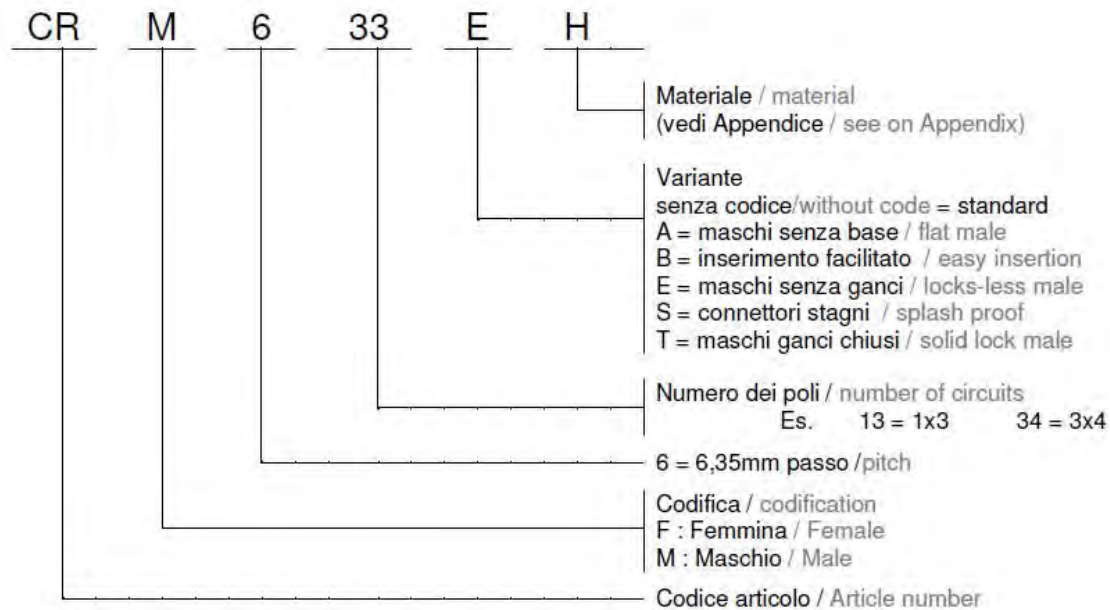
This modular connectors range with a 6.35mm pitch has a polarizing system, a lock system to avoid accidental release and can be splash/water proof by the use of silycon seals. Female housings are all in panel mount version. They can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow WireTest compatible material, according to the IEC 60335-1 . This range of connectors have applications in harness assemblies used in the Appliances industries. A connector assembly consists of male and female housing with a specified number of crimp contacts (sockets or pins) The connection can wire-to-wire or wire-to-board by a header supplied with preloaded solder-tail pin or socket contacts. Terminal retention into the housing is provided by lances that are integrated in the contacts.



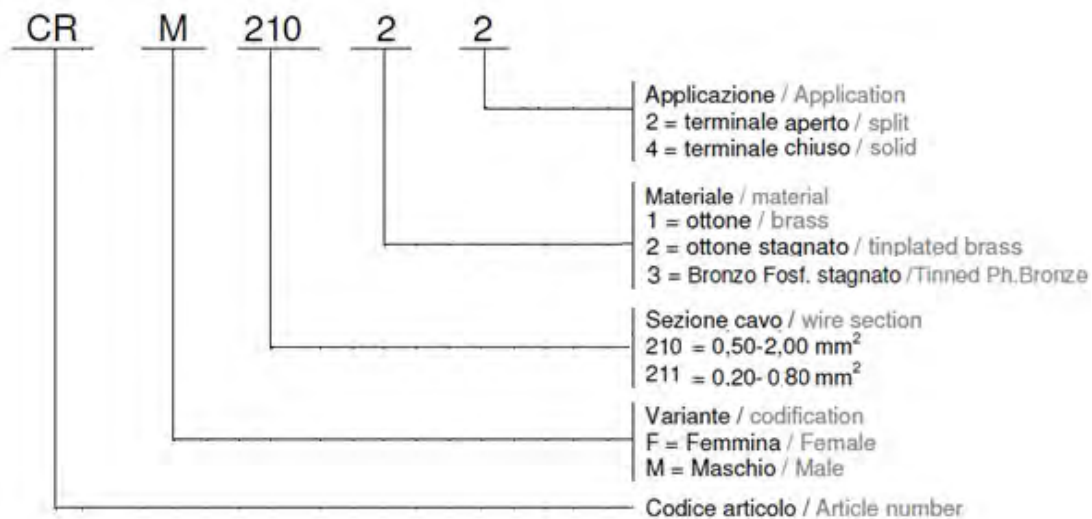
DIMENSIONI / Dimensions



CONNETTORI - IDENTIFICAZIONE / Housings Name and Part Number



TERMINALI - IDENTIFICAZIONE / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,50-2,00 mm ² or 20-14 AWG
Tensione della corrente di lavoro / Rated Voltage	600V AC/DC
Portata di corrente / Rated Current (max.)	12A max

CARATTERISTICHE ELETTRICHE / Electrical Specification

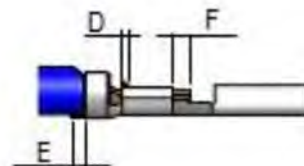
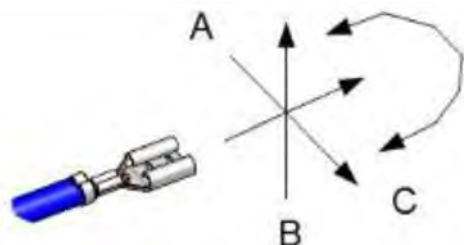
Temperatura d'esercizio / Operating temperature

-40°C ~ +140°C

Resistenza del contatto / Contact Resistance

35 mΩ min

SPECIFICHE E CONTROLLO DELL' AGGRAFFATURA / Crimp Specification and Quality Chart



A - Inclinazione orizzontale max

3°

B - Inclinazione vertical max

3°

C - Torsione max

3°

D - Bell mouth

0,2-0.5 mm

E - Testimone taglio massimo / Cut-off Tab lenght

0.5 mm

F - Sporgenza cavo minimo / Extruded wire lenght

0.5 mm

Dimensioni dell'aggraffatura / Crimped area dimensions

Sezione Wire Sec. mm ²	Applicatore Crimp Model	Codice Part No.	Rame / Conductor		Guaina / Insulation		Trazione Pull out N
			Altezza/Height mm ±0.05	Largh/Width mm ±0.10	Altezza/Height mm ±0.10	Largh/Width mm ±0.10	
1,50	WIRMEC WB10	CRF21022	1.50	2.30	/	3.60	205
1,00		CRF21024	1.40	2.30	/	3.60	160
0,75		CRM21022	1.30	2.30	/	3.60	120
0,50		CRM21024	1.20	2.30	/	3.60	80

CERTIFICAZIONI SUL PRODOTTO / Product Approvals



ECCT2.E304173



ECBT2/8.E490437





AUTOCERTIFICAZIONI / Product certification





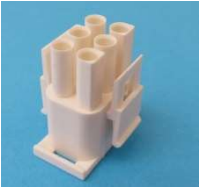





RoHS

REACH

CONNESSIONE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	11,0mm	CRF21022 femmina aperta split socket	0,50-2,00	20-14	Ottone Brass	Stagnato Tin plated		5 x 4.000
	11,0mm	CRF21024 femmina chiusa solid socket	0,50-2,00	20-14	Ottone Brass	Stagnato Tin plated		5 x 4.000





DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CRM611	PA66	V2	130	---	---	2.000
		CRM611V0	PA66	V0	140	---		
		CRM611H	PA6	V2	130	750°C noflame		
		CRM611Z	PA66	V0	140	750°C noflame		
	1x2	CRM612	PA66	V2	130	---		2.500
		CRM612V0	PA66	V0	140	---		
		CRM612H	PA6	V2	130	750°C noflame		
		CRM612Z	PA66	V0	140	750°C noflame		
	1x3	CRM613	PA66	V2	130	---		2.500
		CRM613V0	PA66	V0	140	---		
		CRM613H	PA6	V2	130	750°C noflame		
		CRM613Z	PA66	V0	140	750°C noflame		
	1x4	CRM614	PA66	V2	130	---		2.000
		CRM614V0	PA66	V0	140	---		
		CRM614H	PA6	V2	130	750°C noflame		
		CRM614Z	PA66	V0	140	750°C noflame		
	1x5	CRM615	PA66	V2	130	---		2.000
		CRM615V0	PA66	V0	140	---		
		CRM615H	PA6	V2	130	750°C noflame		
		CRM615Z	PA66	V0	140	750°C noflame		
	1x6	CRM616	PA66	V2	130	---		2.000
		CRM616V0	PA66	V0	140	---		
		CRM616H	PA6	V2	130	750°C noflame		
		CRM616Z	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1x8	CRM618	PA66	V2	130	---		1.000
		CRM618V0	PA66	V0	140	---		
		CRM618H	PA6	V2	130	750°C noflame		
		CRM618Z	PA66	V0	140	750°C noflame		
	3x2	CRM623	PA66	V2	130	---		1.500
		CRM623V0	PA66	V0	140	---		
		CRM623H	PA6	V2	130	750°C noflame		
		CRM623Z	PA66	V0	140	750°C noflame		
	3x3	CRM633	PA66	V2	130	---		1.000
		CRM633V0	PA66	V0	140	---		
		CRM633H	PA6	V2	130	750°C noflame		
		CRM633Z	PA66	V0	140	750°C noflame		
	3x4	CRM634	PA66	V2	130	---		1.000
		CRM634V0	PA66	V0	140	---		
		CRM634H	PA6	V2	130	750°C noflame		
		CRM634Z	PA66	V0	140	750°C noflame		
	3x5	CRM635	PA66	V2	130	---		1.000
		CRM635V0	PA66	V0	140	---		
		CRM635H	PA6	V2	130	750°C noflame		
		CRM635Z	PA66	V0	140	750°C noflame		

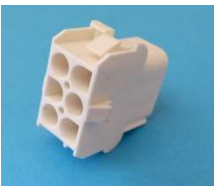



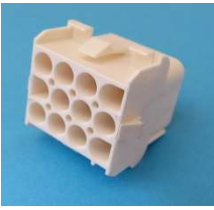



CONNESSIONI SPECIALI / Custom connection

	1x3	CRM613E	PA66	V2	130	---		4.000
		CRM613EV0	PA66	V0	140	---		
		CRM613EH	PA6	V2	130	750°C noflame		
		CRM613EZ	PA66	V0	140	750°C noflame		
	1x6	CRM616E	PA66	V2	130	---		2.000
		CRM616EV0	PA66	V0	140	---		
		CRM616EH	PA6	V2	130	750°C noflame		
		CRM616EZ	PA66	V0	140	750°C noflame		
	2x5	CRM625	PA66	V2	130	---	---	2.000
		CRM625H	PA6	V2	130	750°C noflame		
		CRM625Z	PA66	V0	140	750°C noflame		

CONNESSIONE FEMMINA / Female connection


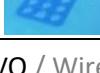
DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		CRM21022 maschio aperto split pin	0,50-2,00	20-14	Ottone Brass	Stagnato Tin plated		5 x 4.000
		CRM21024 maschio chiuso solid pin	0,50-2,00	20-14	Ottone Brass	Stagnato Tin plated		5 x 4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CRF611	PA66	V2	130	---		2.000
		CRF611V0	PA66	V0	140	---		
		CRF611H	PA6	V2	130	750°C noflame		
		CRF611Z	PA66	V0	140	750°C noflame		
	1x2	CRF612	PA66	V2	130	---		2.500
		CRF612V0	PA66	V0	140	---		
		CRF612H	PA6	V2	130	750°C noflame		
		CRF612Z	PA66	V0	140	750°C noflame		
	1x3	CRF613	PA66	V2	130	---		2.500
		CRF613V0	PA66	V0	140	---		
		CRF613H	PA6	V2	130	750°C noflame		
		CRF613Z	PA66	V0	140	750°C noflame		
	1x4	CRF614	PA66	V2	130	---		2.000
		CRF614V0	PA66	V0	140	---		
		CRF614H	PA6	V2	130	750°C noflame		
		CRF614Z	PA66	V0	140	750°C noflame		
	1x5	CRF615	PA66	V2	130	---		2.000
		CRF615V0	PA66	V0	140	---		
		CRF615H	PA6	V2	130	750°C noflame		
		CRF615Z	PA66	V0	140	750°C noflame		
	1x6	CRF616	PA66	V2	130	---		2.000
		CRF616V0	PA66	V0	140	---		
		CRF616H	PA6	V2	130	750°C noflame		
		CRF616Z	PA66	V0	140	750°C noflame		








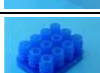

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	3x2	CRF623	PA66	V2	130	---		1.500
		CRF623V0	PA66	V0	140	---		
		CRF623H	PA6	V2	130	750°C noflame		
		CRF623Z	PA66	V0	140	750°C noflame		
	3x3	CRF633	PA66	V2	130	---		1.000
		CRF633V0	PA66	V0	140	---		
		CRF633H	PA6	V2	130	750°C noflame		
		CRF633Z	PA66	V0	140	750°C noflame		
	3x4	CRF634	PA66	V2	130	---		1.000
		CRF634V0	PA66	V0	140	---		
		CRF634H	PA6	V2	130	750°C noflame		
		CRF634Z	PA66	V0	140	750°C noflame		
	3x5	CRF635	PA66	V2	130	---		1.000
		CRF635V0	PA66	V0	140	---		
		CRF635H	PA6	V2	130	750°C noflame		
		CRF635Z	PA66	V0	140	750°C noflame		

GUARNIZIONI / Seals

INTERFACCIA / Interface

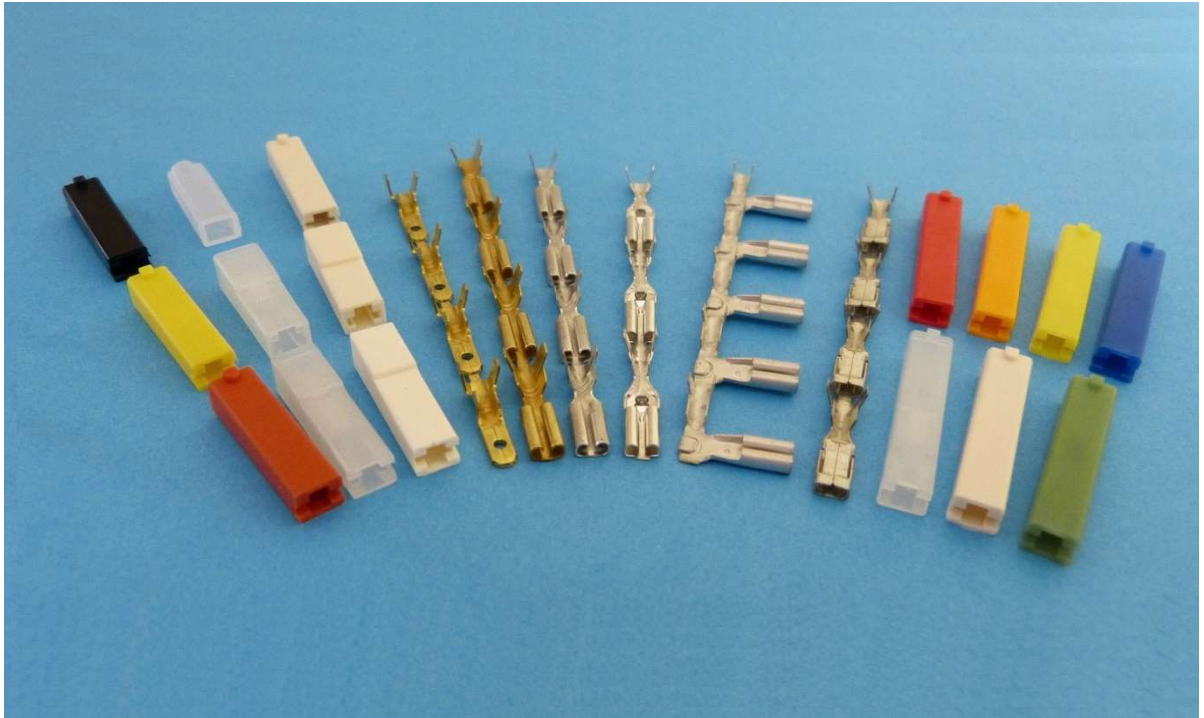
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING		CONF.NE Industriale Wholesale Package	CONF.NE ridotta Retail Package
				UL94	RTI		
	1x2	612CONN	silicone	V2	130	2.500	500
	1x3	613CONN	silicone	V2	130	2.500	500
	1x4	614CONN	silicone	V2	130	2.000	500
	1x5	615CONN	silicone	V2	130	2.000	500
	3x2	623CONN	silicone	V2	130	1.500	500
	3x3	633CONN	silicone	V2	130	1.000	500
	3x4	634CONN	silicone	V2	130	1.000	500
	3x5	635CONN	silicone	V2	130	1.000	500

CAVO / Wire

	1x2	612WIRE	silicone	V2	130	2.500	500
	1x3	613WIRE	silicone	V2	130	2.500	500
	1x4	614WIRE	silicone	V2	130	2.000	500
	1x5	615WIRE	silicone	V2	130	2.000	500
	1x6	616WIRE	silicone	V2	130	---	---
	3x2	623WIRE	silicone	V2	130	1.500	500
	3x3	633WIRE	silicone	V2	130	1.000	500
	3x4	634WIRE	silicone	V2	130	1.000	500
	3x5	635WIRE	silicone	V2	130	1.000	500

TAPPO / Sealing plug

	--	CRTV0	PA66	V0	140	5.000	1.000
---	----	--------------	------	----	-----	-------	-------



2,8 series
















Quick Connect Terminals and Connectors

DESCRIZIONE / Overview

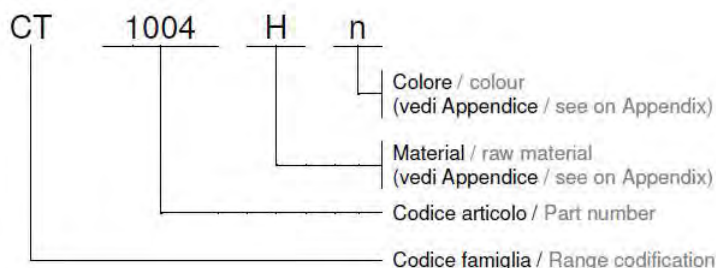
La connessione consiste in connettori maschio e femmina volanti che possono montare terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 2,8mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2 e PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C . Tutti i materiali sono conformi alla direttiva RoHS e Reach

A connector assembly consists of wire-to-wire male and female housings with specified crimp contacts (receptacles or tabs)
The connection is named according to the dimensions of the tab that have a width of 2,8mm (or .110")

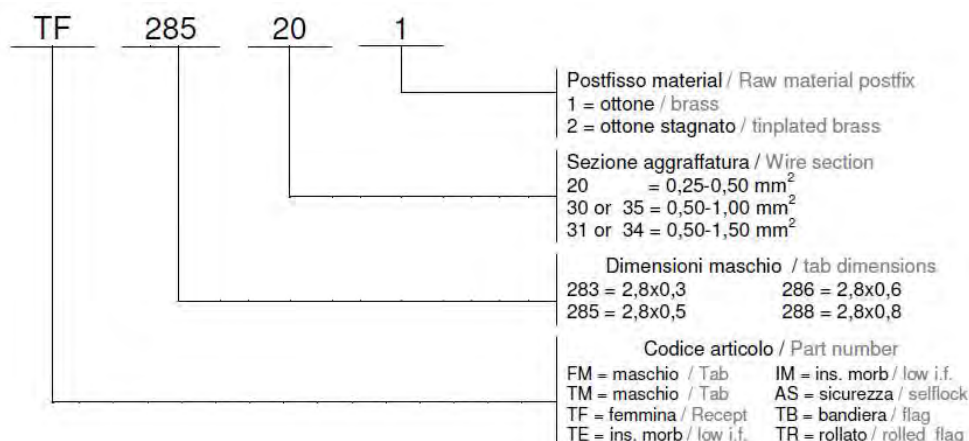
All the connector housings are available in material PA66 UL94-V2 , PA66 UL94-V0 and PA66 UL94-V0 and in material PA66 meeting to the Directive IEC 60335-1, with Glow Wire Test at 750° No Flame. All the raw materials are RoHS and REACH Compliant

standard	TF28	CT1004C	CT1004	CT1004B	CT1004L
2,8 x 0,3 2,8 x 0,4 2,8 x 0,5 2,8 x 0,6 2,8 x 0,8					
Low ins. force	IM28	CT1004E	CT1004EL		
2,8 x 0,5 2,8 x 0,8					
Self locking	AS28	CT1004S	CT1004SL		
2,8 x 0,5 2,8 x 0,8					
Male	TM28	CT1004M			
2,8 x 0,5 2,8 x 0,8					
Flag female	TR28	CT1004R			
2,8 x 0,5 2,8 x 0,8					

IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA6-6V0 PA66V2 and PA66V0 meeting the GWT (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,25-1,50 mm ² or 23-15 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC	
Portata di corrente / Rated Current (max.)	10A max	(DIN 46249 Teil1)

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	3-35 mΩ (DIN 46249 Teil1)

CERTIFICAZIONI SUL PRODOTTO / Product Approvals





ECCT2.E304173
RFWV.E326092
RFWV2.E326092

AUTOCERTIFICAZIONI / Product certification












CONNETTORE MASCHIO / Male connection


DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
2,8x0,5 DIN								
	14.7mm	TM285301	0,35-1,00	22-17	Ottone-Brass	---	---	3 x10.000
	14.7mm	TM285302			Ottone-Brass	Stagnato-Tinned	---	3 x10.000
2,8x0,8 DIN								
		TM288341	0,50-1,50	20-15	Ottone-Brass	---	---	3 x15.000
		TM288342			Ottone-Brass	Stagnato-Tinned	---	3 x15.000

CONNETTORE FEMMINA / Receptacles





DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
2,8x0,3 DIN								
	16.4mm	TF283201	0,25-0,50	23-20	Ottone-Brass	---	---	3 x10.000
	16.4mm	TF283202			Ottone-Brass	Stagnato Tin plated		3 x10.000
2,8x0,4 DIN								
	16.4mm	TF284201	0,25-0,50	23-20	Ottone-Brass	---	---	3 x10.000
	16.4mm	TF284202			Ottone-Brass	Stagnato Tin plated		3 x10.000
2,8x0,5 DIN								
	16.4mm	TF285201	0,25-0,50	23-20	Ottone-Brass	---		3 x10.000
	16.4mm	TF285202			Ottone-Brass	Stagnato Tin plated		3 x10.000
	15.5mm	TF285301	0,50-1,00	20-17	Ottone-Brass	---		3 x10.000
	15.5mm	TF285302			Ottone-Brass	Stagnato Tin plated		3 x10.000
	16.4mm	TF285311	0,50-1,50	20-15	Ottone-Brass	---	---	3 x10.000
	16.4mm	TF285312			Ottone-Brass	Stagnato Tin plated		3 x10.000
2,8x0,6 DIN								
	16.4mm	TF286201	0,50-2,00	20-14	Ottone-Brass	---	---	3 x10.000
	16.4mm	TF286202			Ottone-Brass	Stagnato Tin plated		3 x10.000
2,8x0,8 DIN								
	16.4mm	TF288201	0,25-0,50	23-20	Ottone-Brass	---		3 x10.000
	16.4mm	TF288202			Ottone-Brass	Stagnato Tin plated		3 x10.000
	15.5mm	TF288301	0,50-1,00	20-17	Ottone-Brass	---		3 x10.000
	15.5mm	TF288302			Ottone-Brass	Stagnato Tin plated		3 x10.000
	16.4mm	TF288311	0,50-1,50	20-15	Ottone-Brass	---	---	3 x10.000
	16.4mm	TF288312			Ottone-Brass	Stagnato Tin plated		3 x10.000



DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	Lunghezza length 20mm	CT1004	PA66	V2	130	---		40.000
		CT1004V0	PA66	V0	140	---		
		CT1004H	PA6	V2	130	750°C noflame		
		CT1004Z	PA66	V0	140	750°C noflame		
	Lunghezza length 20mm	CT1004B	PA66	V2	130	---		40.000
		CT1004BV0	PA66	V0	140	---		
		CT1004BH	PA6	V2	130	750°C noflame		
		CT1004BZ	PA66	V0	140	750°C noflame		
	Lunghezza length 17mm	CT1004C	PA66	V2	130	---		40.000
		CT1004CV0	PA66	V0	140	---		
		CT1004CH	PA6	V2	130	750°C noflame		
		CT1004CZ	PA66	V0	140	750°C noflame		
	Lunghezza length 25mm	CT1004L	PA66	V2	130	---		30.000
		CT1004LV0	PA66	V0	140	---		
		CT1004LH	PA6	V2	130	750°C noflame		
		CT1004LZ	PA66	V0	140	750°C noflame		
	---	CT1004PE	PE	V2	65	---	---	20.000
		CT1004PE1	PE NERO	V2	65	---		

CONNETTORE A BANDIERA / Angle connection


DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1004R	PA66	V2	130	---	---	40.000
		CT1004RV0	PA66	V0	140	---		
		CT1004RH	PA6	V2	130	750°C noflame		
		CT1004RZ	PA66	V0	140	750°C noflame		



CONNETTORE AD INSERIMENTO MORBIDO / Low insertion connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
2,8x0,5 IEC								
	15.5mm	IM285311	0,35-1,00	21-18	Ottone-Brass	---		3 x10.000
	15.5mm	IM285312			Ottone-Brass	Stagnato Tin plated		3 x10.000
2,8x0,8 IEC								
	15.5mm	IM288311	0,35-1,00	21-18	Ottone-Brass	---		3 x10.000
	15.5mm	IM288312			Ottone-Brass	Stagnato Tin plated		3 x10.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	20mm	CT1004E	PA66	V2	130	---	---	40.000
		CT1004EV0	PA66	V0	140	---		
		CT1004EH	PA6	V2	130	750°C noflame		
		CT1004EZ	PA66	V0	140	750°C noflame		
	25mm	CT1004EL	PA66	V2	130	---	---	40.000
		CT1004ELV0	PA66	V0	140	---		
		CT1004ELH	PA6	V2	130	750°C noflame		
		CT1004ELZ	PA66	V0	140	750°C noflame		

CONNETTORE DI SICUREZZA / Self locking connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
2,8x0,5 DIN								
	19.2mm	AS285201	0,25-0,50	23-20	Ottone-Brass	---		3 x15.000
	19.2mm	AS285202			Ottone-Brass	Stagnato Tin plated		3 x15.000
2,8x0,5 IEC								
	19.2mm	AS285301	0,50-1,00	20-15	Ottone-Brass	---		3 x15.000
	19.2mm	AS285302			Ottone-Brass	Stagnato Tin plated		3 x15.000
2,8x0,8 DIN								
	19.2mm	AS288201	0,25-0,50	23-20	Ottone-Brass	---		3 x15.000
	19.2mm	AS288202			Ottone-Brass	Stagnato Tin plated		3 x15.000
2,8x0,8 IEC								
	19.2mm	AS288301	0,50-1,00	20-15	Ottone-Brass	---		3 x15.000
	19.2mm	AS288302			Ottone-Brass	Stagnato Tin plated		3 x15.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	20mm	CT1004S	PA66	V2	130	---		40.000
		CT1004SV0	PA66	V0	140	---		
		CT1004SH	PA6	V2	130	750°C noflame		
		CT1004SZ	PA66	V0	140	750°C noflame		



4,8 series













Quick Connect Terminals and Connectors

DESCRIZIONE / OVERVIEW

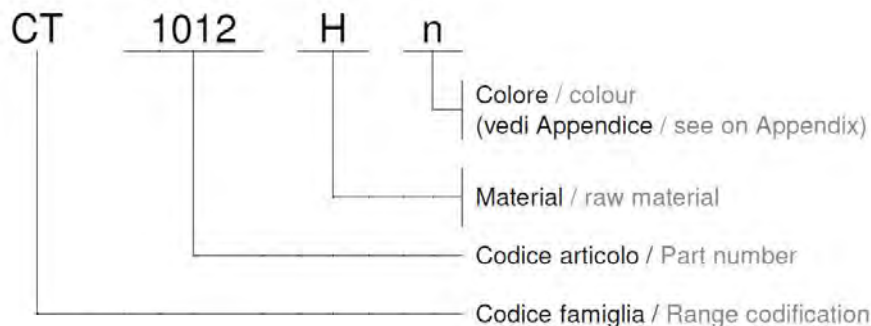
La connessione consiste in connettori maschio e femmina volanti che possono montare terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 4,8mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2 e PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C . Tutti i materiali sono conformi alla direttiva RoHS e Reach

A connector assembly consists of wire-to-wire male and female housings with specified crimp contacts (receptacles or tabs)
The connection is named according to the dimensions of the tab that have a width of 4,8mm (or .187")

All the connector housings are available in material PA66 UL94-V2 , PA66 UL94-V0 and PA66 UL94-V0 and in material PA66 meeting to the Directive IEC 60335-1, with Glow Wire Test at 750° No Flame. All the raw materials are RoHS and REACH Compliant

<i>standard</i>	<i>TF48</i>	<i>CT1012</i>	<i>CT1012D</i>	<i>CT1012PE</i>
4,8 x 0,5 4.8 x 0,8				
<i>Low Insertion Force</i>	<i>IM48</i>	<i>CT1012</i>	<i>CT1012D</i>	<i>CT1012PE</i>
4,8 x 0,5 4.8 x 0,8				
<i>Self locking</i>	<i>AS48</i>	<i>CT1013</i>		
4,8 x 0,5 4.8 x 0,8				
<i>Flag female</i>	<i>TR48</i>	<i>CT1009D</i>		
4,8 x 0,5 4.8 x 0,8				

IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number

TF	485	2	2	1	
					Postfisso materiale / Raw material postfix 1 = ottone / brass 2 = ottone stagnato / tinned brass
					Spessore materiale / Material Thickness 2 = 0,35 5 = 0,50 8 = 0,80
					Sezione aggraffatura / Wire section 1 = 0,30-1,0 mm ² or 0,35-1,0 mm ² 2 = 0,50-1,0 mm ² 3 = 0,50-1,5 mm ² 4 = 0,50-2,0 mm ²
					Dimensioni maschio / tab dimensions 485 = 4,8x0,5 488 = 4,8x0,8
					Codice articolo / Part number TM = maschio / Tab AS = sicurezza / selflock TF = femmina / Recept TB = bandiera / flag TE = ins. morb / low i.f. TR = rollato / rolled flag IM = ins. morb / low i.f.

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66V2, PA66V0 PA66V2 and PA66V0 meeting the GWT (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,35-2,50 mm ² or 23-15 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC	
Portata di corrente / Rated Current (max.)	16A max	(DIN 46249 Teil1)

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	3-35 mΩ min (DIN 46249 Teil1)

CERTIFICAZIONI SUL PRODOTTO / Product Approvals














ECCT2.E304173
RFVV.E326092
RFVV2.E326092

AUTOCERTIFICAZIONI / Product certification
















CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
4,8x0,5 DIN								
	16.6mm	TF485121	0,35-0,75	22-18	Ottone-Brass	---	---	3x 10.000
	16.6mm	TF485122			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	17.0mm	TF485221	0,50-1,0	20-17	Ottone-Brass	---	---	3x 10.000
	17.0mm	TF485222			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	TF485321	0,50-1,5	20-15	Ottone-Brass	---		3x 10.000
	16.6mm	TF485322			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	17.0mm	TF485421	0,50-2,0	20-14	Ottone-Brass	---	---	3x 10.000
	17.0mm	TF485422			(1,00+1,00)	Ottone-Brass		Stagnato/Tin plated
	16.6mm	TF485521	0,50-2,0	20-14	Ottone-Brass	---		3x 10.000
	16.6mm	TF485522			Ottone-Brass	Stagnato/Tin plated		3x 10.000
4,8x0,8 DIN								
	16.6mm	TF488121	0,35-0,75	22-18	Ottone-Brass	---	---	3x 10.000
	16.6mm	TF488122			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	17.0mm	TF488221	0,50-1,0	20-17	Ottone-Brass	---	---	3x 10.000
	17.0mm	TF488222			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	TF488321	0,50-1,5	20-15	Ottone-Brass	---		3x 10.000
	16.6mm	TF488322			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	17.0mm	TF488421	0,50-2,0	20-14	Ottone-Brass	---	---	3x 10.000
	17.0mm	TF488422			(1,00+1,00)	Ottone-Brass		Stagnato/Tin plated
	16.6mm	TF488521	0,50-2,0	20-14	Ottone-Brass	---		3x 10.000
	16.6mm	TF488522			Ottone-Brass	Stagnato/Tin plated		3x 10.000





DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1012	PA66	V2	130	---		25.000
		CT1012V0	PA66	V0	140	---		
		CT1012H	PA6	V2	130	750°C noflame		
		CT1012Z	PA66	V0	140	750°C noflame		
		CT1012D	PA66	V2	130	---		25.000
		CT1012DV0	PA66	V0	140	---		
		CT1012DH	PA6	V2	130	750°C noflame		
		CT1012DZ	PA66	V0	140	750°C noflame		
		CT1012PE	PE	V2	65	---	---	20.000
		CT1012PE	PE NERO	V2	65	---		



CONNETTORE INSERIMENTO MORBIDO / Low insertion force connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
4,8x0,5 DIN								
	16.6mm	IM485121	0,35-0,75	22-18	Ottone-Brass	---		3x 10.000
	16.6mm	IM485122			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	IM485321	0,50-1,5	20-15	Ottone-Brass	---		3x 10.000
	16.6mm	IM485322			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	IM485521	0,50-2,0	20-14	Ottone-Brass	---		3x 10.000
	16.6mm	IM485522			Ottone-Brass	Stagnato/Tin plated		3x 10.000
4,8x0,8 DIN								
	16.6mm	IM488121	0,35-0,75	22-18	Ottone-Brass	---		3x 10.000
	16.6mm	IM488122			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	IM488321	0,50-1,5	20-15	Ottone-Brass	---		3x 10.000
	16.6mm	IM488322			Ottone-Brass	Stagnato/Tin plated		3x 10.000
	16.6mm	IM488521	0,50-2,0	20-14	Ottone-Brass	---		3x 10.000
	16.6mm	IM488522			Ottone-Brass	Stagnato/Tin plated		3x 10.000



DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1012	PA66	V2	130	---		25.000
		CT1012V0	PA66	V0	140	---		
		CT1012H	PA6	V2	130	750°C noflame		
		CT1012Z	PA66	V0	140	750°C noflame		
		CT1012D	PA66	V2	130	---		25.000
		CT1012DV0	PA66	V0	140	---		
		CT1012DH	PA6	V2	130	750°C noflame		
		CT1012DZ	PA66	V0	140	750°C noflame		
		CT1012PE	PE	V2	65	---	---	20.000
		CT1012PE	PE NERO	V2	65	---		



CONNETTORE BANDIERA ROLLATO / Flag connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
4,8x0,5 DIN								
	14.5mm	TR485221	0,50-1,50	20-15	Ottone-Brass	---		3 x 3.000
	14.5mm	TR485222			Ottone-Brass	Stagnato Tin plated		
4,8x0,8 DIN								
	14.5mm	TR488221	0,50-1,50	20-15	Ottone-Brass	---		3 x 3.000
	14.5mm	TR488222			Ottone-Brass	Stagnato Tin plated		

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1009D	PA66	V2	130	---		10.000
		CT1009DV0	PA66	V0	140	---		
		CT1009DH	PA6	V2	130	750°C noflame		
		CT1009DZ	PA66	V0	140	750°C noflame		

CONNETTORE DI SICUREZZA / Self locking connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
4,8x0,5 DIN								
	19.0mm	AS485221	0,50-1,50	20-15	Ottone-Brass	---	---	3x 10.000
	19.0mm	AS485222			Ottone-Brass	Stagnato Tin plated		3x 10.000
	19.0mm	AS485421	1,0-2,5	17-13	Ottone-Brass	---	---	3x 10.000
	19.0mm	AS485422			Ottone-Brass	Stagnato Tin plated		3x 10.000
4,8x0,8 DIN								
	19.0mm	AS488221	0,50-1,50	20-15	Ottone-Brass	---	---	3x 10.000
	19.0mm	AS488222			Ottone-Brass	Stagnato Tin plated		3x 10.000
	19.0mm	AS488421	1,0-2,5	17-13	Ottone-Brass	---	---	3x 10.000
	19.0mm	AS488422			Ottone-Brass	Stagnato Tin plated		3x 10.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1013	PA66	V2	130	---		20.000
		CT1013V0	PA66	V0	140	---		
		CT1013H	PA6	V2	130	750°C noflame		
		CT1013Z	PA66	V0	140	750°C noflame		



6,3 series




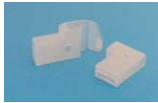




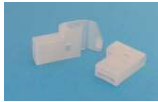




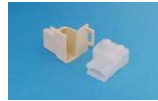



Quick Connect Terminals and Connectors

DESCRIZIONE / OVERVIEW

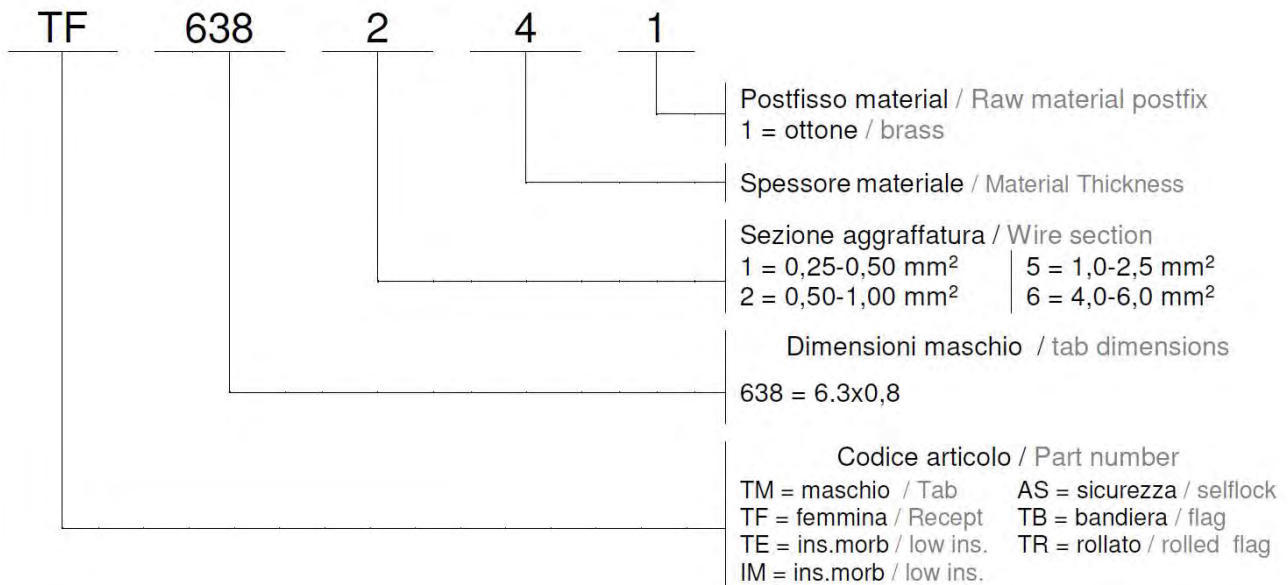
La connessione consiste in connettori maschio e femmina volanti che si possono accoppiare a terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 6,3mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2 e PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C . Tutti i materiali sono conformi alla direttiva RoHS e Reach

A connector assembly consists of wire-to-wire male and female housings with specified crimp contacts (receptacles or tabs) . The connection is named according to the dimensions of the tab that have a width of 6,3mm (or .250") . All the connector housings are available in material PA66 UL94-V2 , PA66 UL94-V0 and PA66 UL94-V0 and in material PA66 meeting to the Directive IEC 60335-1, with Glow Wire Test at 750° No Flame. All the raw materials are RoHS and REACH Compliant

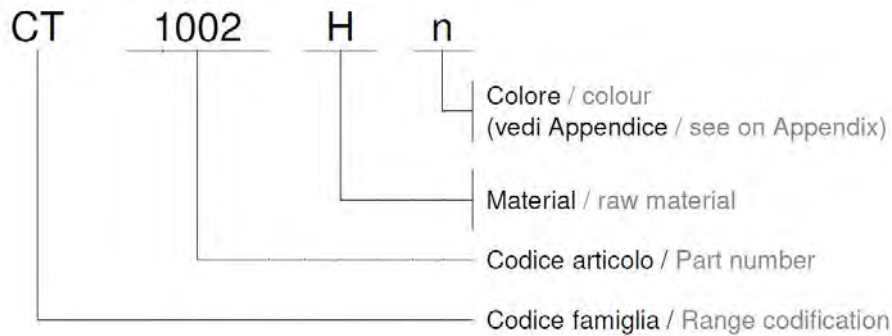
<i>standard</i>	<i>TF63</i>	<i>CT1002</i>	<i>CT2002B</i>	<i>CT2002F</i>	<i>CT1001N</i>
6,3 x 0.8					
<i>Low insertion force</i>	<i>IM63</i>	<i>CT1002</i>	<i>CT2002B</i>	<i>CT2002F</i>	<i>CT1001N</i>
6,3 x 0.8					
<i>Low ins. force</i>	<i>TE63</i>	<i>CT2002E</i>	<i>CT2004</i>		
6,3 x 0.8					
<i>Self locking</i>	<i>AS63</i>	<i>CT2002S</i>	<i>CT2003</i>	<i>CT2003S</i>	
6,3 x 0.8					
<i>Female/Male</i>	<i>PB63</i>	<i>CT1001N</i>	<i>CT1001M</i>		
6,3 x 0.8					
<i>Male</i>	<i>TM63</i>	<i>CT1003N</i>	<i>CT1103N</i>	<i>CT1003M</i>	<i>CT1003PE</i>
6,3 x 0.8					

Flag	TB63	CT1005	CT1007B	CT1006A	CT1006B
6,3 x 0,8					
Rolled	TR63	CT1007C	CT1007D	CT1006C	CT1006D
6,3 x 0,8					
Mix.rolled Low ins	IMR63	CT1007C	CT1007D	CT1107D	
6,3 x 0,8					
Mix.rolled Low ins	TER63	CT1006C	CT1006D		
6,3 x 0,8					

IDENTIFICAZIONE TERMINALI / Contacts Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66V2, PA66V0 PA66V2 and PA66V0 meeting the GWT (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,25-6.00 mm ² or 23-15 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC	
Portata di corrente / Rated Current (max.)	25A max	(DIN 46249 Teil1)

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	3-35 mΩ min (DIN 46249 Teil1)

CERTIFICAZIONI SUL PRODOTTO / Product Approvals






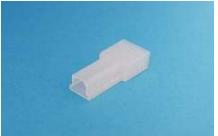




ECCT2.E304173
RFWV.E326092
RFWV2.E326092

AUTOCERTIFICAZIONI / Product certification









CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
6,3x0,8 DIN								
	21.4mm	TM638231	0,50-1,50	20-15	Ottone-Brass	---		3 x 5.000
	21.4mm	TM638231			Ottone-Brass	Stagnato Tin plated		3 x 5.000
	21.4mm	TM638531	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.4mm	TM638532			Ottone-Brass	Stagnato Tin plated		3 x 5.000



DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1003N	PA66	V2	130	---		20.000
		CT1003NV0	PA66	V0	140	---		
		CT1003NH	PA6	V2	130	750°C noflame		
		CT1003NZ	PA66	V0	140	750°C noflame		
	frontale	CT1003M	PA66	V2	130	---		20.000
		CT1003MV0	PA66	V0	140	---		
		CT1003MH	PA6	V2	130	750°C noflame		
		CT1003MZ	PA66	V0	140	750°C noflame		
	posteriore	CT1103N	PA66	V2	130	---		20.000
		CT1103NV0	PA66	V0	140	---		
		CT1103NH	PA6	V2	130	750°C noflame		
		CT1103NZ	PA66	V0	140	750°C noflame		
	posteriore	PE	V2	65	---	PE	---	20.000
		PE NERO	V2	65	---	PE NERO		

CONNETTORE MASCHIO CON STOP / Male terminal with stop




DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
6,3x0,8 DIN con stop								
	21.2mm	TM638231S	0,50-1,50	20-15	Ottone-Brass	---	---	3 x 5.000
	21.2mm	TM638232S			Ottone-Brass	Stagnato Tin plated		3 x 5.000
	21.2mm	TM638531S	1,00-2,50	17-13	Ottone-Brass	---	---	3 x 5.000
	21.2mm	TM638532S			Ottone-Brass	Stagnato Tin plated		3 x 5.000







DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1003N	PA66	V2	130	---		20.000
		CT1003NV0	PA66	V0	140	---		
		CT1003NH	PA6	V2	130	750°C noflame		
		CT1003NZ	PA66	V0	140	750°C noflame		
	posteriore	CT1103N	PA66	V2	130	---		20.000
		CT1103NV0	PA66	V0	140	---		
		CT1103NH	PA6	V2	130	750°C noflame		
		CT1103NZ	PA66	V0	140	750°C noflame		
	posteriore	PE	V2	65	---	PE	---	20.000
		PE NERO	V2	65	---	PE NERO		

CONNETTORE FEMMINA / Female connection




DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
6,3x0,8 DIN								
	21.4mm	TF638141	0,20-0,50	24-20	Ottone-Brass	---		3 x 5.000
	21.4mm	TF638142			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.7mm	TF638241	0,50-1,00	20-15	Ottone-Brass	---	---	3 x 5.000
	21.7mm	TF638242			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21.4mm	TF638341	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.4mm	TF638342			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	TF638345			Ferro /Steel	Nichelato /Nicked		3 x 5.000
	21.4mm	TF638441	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.4mm	TF638442			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	TF638445			Ferro /Steel	---		3 x 5.000
	21.7mm	TF638541	1,00-2,50	17-13	Ottone-Brass	---	---	3 x 5.000
	21.7mm	TF638542			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21.4mm	TF638641	3,0-6,0	12-10	Ottone-Brass	---	---	3 x 4.000
	21.4mm	TF638642			Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	21.4mm	TF638645			Ferro /Steel	Acciaio Nichelato Nidel plated	---	3 x 4.000




CONNETTORE FEMMINA / Female connection







DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1001N	PA66	V2	130	---		20.000
		CT1001NV0	PA66	V0	140	---		
		CT1001NH	PA6	V2	130	750°C noflame		
		CT100NZ	PA66	V0	140	750°C noflame		
	posteriore	CT1001PE	PE	V2	65	---	---	20.000
		CT1001PE1	PE NERO	V2	65	---		

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	corto	CT1002	PA66	V2	130	---		20.000
		CT1002V0	PA66	V0	140	---		
		CT1002H	PA6	V2	130	750°C noflame		
		CT1002Z	PA66	V0	140	750°C noflame		
		CT2002B	PA66	V2	130	---		20.000
		CT2002BV0	PA66	V0	140	---		
		CT2002BH	PA6	V2	130	750°C noflame		
		CT2002BZ	PA66	V0	140	750°C noflame		
		CT2002BV	PA46	V2	150	---		
		CT2002F	PA66	V2	130	---		20.000
		CT2002FV0	PA66	V0	140	---		
		CT2002FH	PA6	V2	130	750°C noflame		
		CT2002FZ	PA66	V0	140	750°C noflame		
		CT2002FV	PA46	V2	150	---		


CONNETTORE INSERIMENTO MORBIDO / Low insertion force connection





DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21.3mm	IM638341	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.3mm	IM638342			Ottone-Brass	Stagnato /Tin plated		
	21.3mm	IM638441	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.3mm	IM638442			Ottone-Brass	Stagnato /Tin plated		

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1001N	PA66	V2	130	---		20.000
		CT1001NV0	PA66	V0	140	---		
		CT1001NH	PA6	V2	130	750°C noflame		
		CT100NZ	PA66	V0	140	750°C noflame		
	posteriore	CT1001PE	PE	V2	65	---	---	20.000
		CT1001PE1	PE NERO	V2	65	---		




DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	corto	CT1002	PA66	V2	130	---		20.000
		CT1002V0	PA66	V0	140	---		
		CT1002H	PA6	V2	130	750°C noflame		
		CT1002Z	PA66	V0	140	750°C noflame		
		CT2002B	PA66	V2	130	---		20.000
		CT2002BV0	PA66	V0	140	---		
		CT2002BH	PA6	V2	130	750°C noflame		
		CT2002BZ	PA66	V0	140	750°C noflame		
		CT2002BV	PA46	V2	150	---		
		CT2002F	PA66	V2	130	---		20.000
		CT2002FV0	PA66	V0	140	---		
		CT2002FH	PA6	V2	130	750°C noflame		
		CT2002FZ	PA66	V0	140	750°C noflame		
		CT2002FV	PA46	V2	150	---		





CONNETTORE INSERIMENTO MORBIDO / Low insertion force connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21.4mm	TE638241	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 5.000
	21.4mm	TE638242			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21.4mm	TE638541	1,00-2,50	17-13	Ottone-Brass	---	---	3 x 5.000
	21.4mm	TE638542			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000


DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	ribassato	CT2002E	PA66	V2	130	---		20.000
		CT2002EV0	PA66	V0	140	---		
		CT2002EH	PA6	V2	130	750°C noflame		
		CT2002EZ	PA66	V0	140	750°C noflame		
		CT2002EV	PA46	V2	150	---		
	ribassato	CT2004	PA66	V2	130	---		20.000
		CT2004V0	PA66	V0	140	---		
		CT2004H	PA6	V2	130	750°C noflame		
		CT2004Z	PA66	V0	140	750°C noflame		
		CT2004V	PA46	V2	150	---		





CONNETTORE DI SICUREZZA / Self locking connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21.6mm	AS638241	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.6mm	AS638242			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.6mm	AS638541	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.6mm	AS638542			Ottone-Brass	Stagnato /Tin plated		3 x 5.000






DESCRIZIONE** Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	automatico	CT2002S	PA66	V2	130	---		20.000
		CT2002SV0	PA66	V0	140	---		
		CT2002SH	PA6	V2	130	750°C noflame		
		CT2002SZ	PA66	V0	140	750°C noflame		
		CT2002SV	PA46	V2	150	---		
		CT2003	PA66	V2	130	---		20.000
		CT2003V0	PA66	V0	140	---		
		CT2003H	PA6	V2	130	750°C noflame		
		CT2003Z	PA66	V0	140	750°C noflame		
		CT2003V	PA46	V2	150	---		









CONNETTORE FEMMINA CON MASCHIO / Female + male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	20.3mm	PB638541	0,75-2,00	18-14	Ottone-Brass	---	---	5 x 2.000
	20.3mm	PB638542			Ottone-Brass	Stagnato /Tin plated	---	5 x 2.000




DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1001N	PA66	V2	130	---		20.000
		CT1001NV0	PA66	V0	140	---		
		CT1001NH	PA6	V2	130	750°C noflame		
		CT1001NZ	PA66	V0	140	750°C noflame		
		CT1001N	PA46	V2	150	---		
	posteriore	CT1001M	PA66	V2	130	---		20.000
		CT1001MZ	PA66	V0	140	---		
			PA6	V2	130	750°C noflame		
			PA66	V0	140	750°C noflame		











CONNETTORE BANDIERA

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	20.8mm	TB638241	0,50-1,00	20-17	Ottone-Brass	---		3 x 4.000
	20.8mm	TB638242			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	20.7mm	TB638441	1,00-2,50	17-13	Ottone-Brass	---		3 x 4.000
	20.7mm	TB638442			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	20.8mm	TB638541	1,00-2,50 (1,00+1,00)	17-13	Ottone-Brass	---	---	3 x 4.000
	20.8mm	TB638542			Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000




DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1005	PA66	V2	130	---		10.000
		CT1005V0	PA66	V0	140	---		
		CT1005H	PA6	V2	130	750°C noflame		
		CT1005Z	PA66	V0	140	750°C noflame		
		CT1006A	PA66	V2	130	---		10.000
		CT1006AV0	PA66	V0	140	---		
		CT1006AH	PA6	V2	130	750°C noflame		
		CT1006AZ	PA66	V0	140	750°C noflame		
		CT1006B	PA66	V2	130	---		10.000
		CT1006BV0	PA66	V0	140	---		
		CT1006BH	PA6	V2	130	750°C noflame		
		CT1006BZ	PA66	V0	140	750°C noflame		
		CT1007B	PA66	V2	130	---		10.000
		CT1007BV0	PA66	V0	140	---		
		CT1007BH	PA6	V2	130	750°C noflame		
		CT1007BZ	PA66	V0	140	750°C noflame		



CONNETTORE BANDIERA ROLLATO

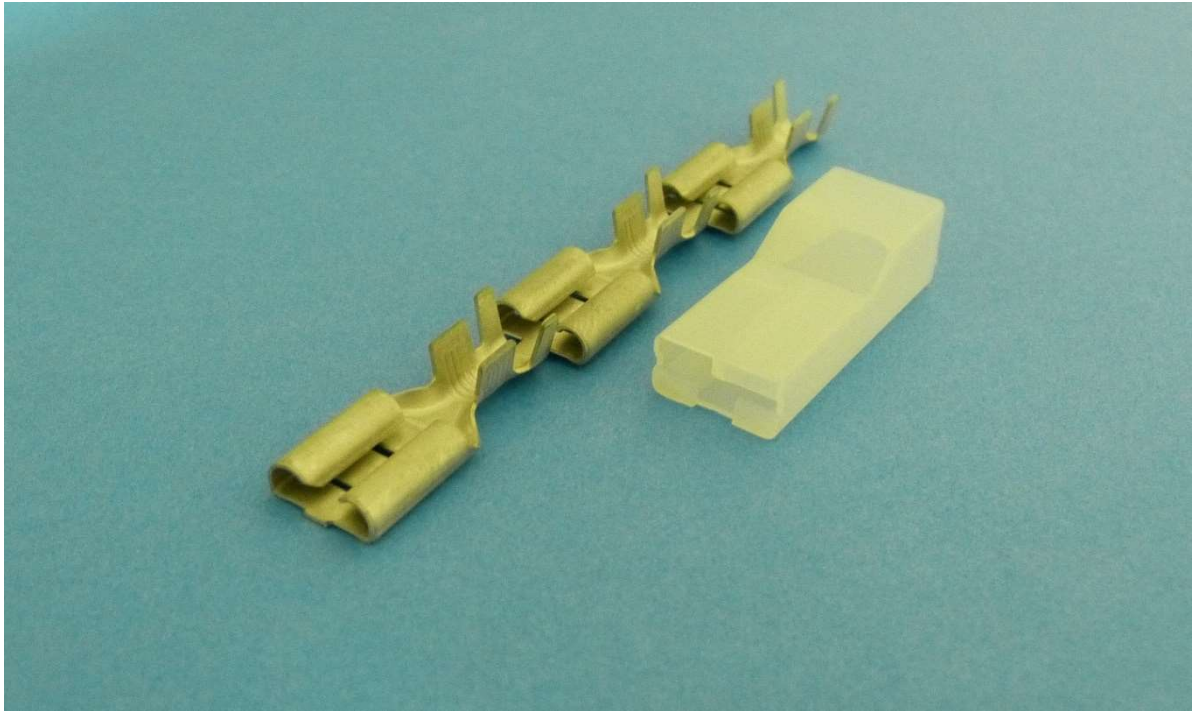
DESCRIZIONE* Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	19.0mm	TR638441	0,50-1,50	20-14	Ottone-Brass	---		3 x 2.000
	19.0mm	TR638442			Ottone-Brass	Stagnato /Tin plated		3 x 2.000
	19.0mm	TR638541	1,00-2,50	17-13	Ottone-Brass	---		3 x 2.000
	19.0mm	TR638542			Ottone-Brass	Stagnato /Tin plated		3 x 2.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1006C	PA66	V2	130	---		10.000
		CT1006CV0	PA66	V0	140	---		
		CT1006CH	PA6	V2	130	750°C noflame		
		CT1006CZ	PA66	V0	140	750°C noflame		
		CT1006D	PA66	V2	130	---		10.000
		CT1006DV0	PA66	V0	140	---		
		CT1006DH	PA6	V2	130	750°C noflame		
		CT1006DZ	PA66	V0	140	750°C noflame		
		CT1007C	PA66	V2	130	---		10.000
		CT1007CV0	PA66	V0	140	---		
		CT1007CH	PA6	V2	130	750°C noflame		
		CT1007CZ	PA66	V0	140	750°C noflame		
		CT1007D	PA66	V2	130	---		10.000
		CT1007DV0	PA66	V0	140	---		
		CT1007DH	PA6	V2	130	750°C noflame		
		CT1007DZ	PA66	V0	140	750°C noflame		
	Senza gancio interno No inner lock	CT1107D	PA66	V2	130	---		10.000
		CT1107DV0	PA66	V0	140	---		
		CT1107DH	PA6	V2	130	750°C noflame		
		CT1117DZ	PA66	V0	140	750°C noflame		

CONNETTORE BANDIERA ROLLATO ins.morbido / Low insertion force connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	17.5mm	IMR638441	0,50-1,50	20-15	Ottone-Brass	---		3 x 2.000
	17.5mm	IMR638442			Ottone-Brass	Stagnato /Tin plated		3 x 2.000
	17.5mm	IMR638541	1,00-2,50	17-13	Ottone-Brass	---		3 x 2.000
	17.5mm	IMR638542			Ottone-Brass	Stagnato /Tin plated		3 x 2.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT1007D	PA66	V2	130	---		20.000
		CT1007DVO	PA66	V0	140	---		
		CT1007DH	PA6	V2	130	750°C noflame		
		CT1007DZ	PA66	V0	140	750°C noflame		



9,5 series

Quick Connect Terminals and Connectors

DESCRIZIONE / Description

La connessione consiste in connettori femmina volanti che si possono accoppiare a terminali a crimpare maschio. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 9,5mm. Tutti i materiali sono conformi alla direttiva RoHS e Reach

A connector assembly consists of wire-to-wire female housings with specified crimp contacts (receptacles or tabs) The connection is named according to the dimensions of the tab that have a width of 6,3mm (or .250") All the raw materials are RoHS and REACH Compliant

CARATTERISTICHE MATERIALI / Materials Specification

Terminali / Contacts *Brass or Phosphor Bronze with tin plating (Lead-Free)*

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	3,0-6,00 mm ² or 12-10 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC	
Portata di corrente / Rated Current (max.)	25A max	(DIN 46249 Teil1)


CARATTERISTICHE ELETTRICHE / Electrical Specification

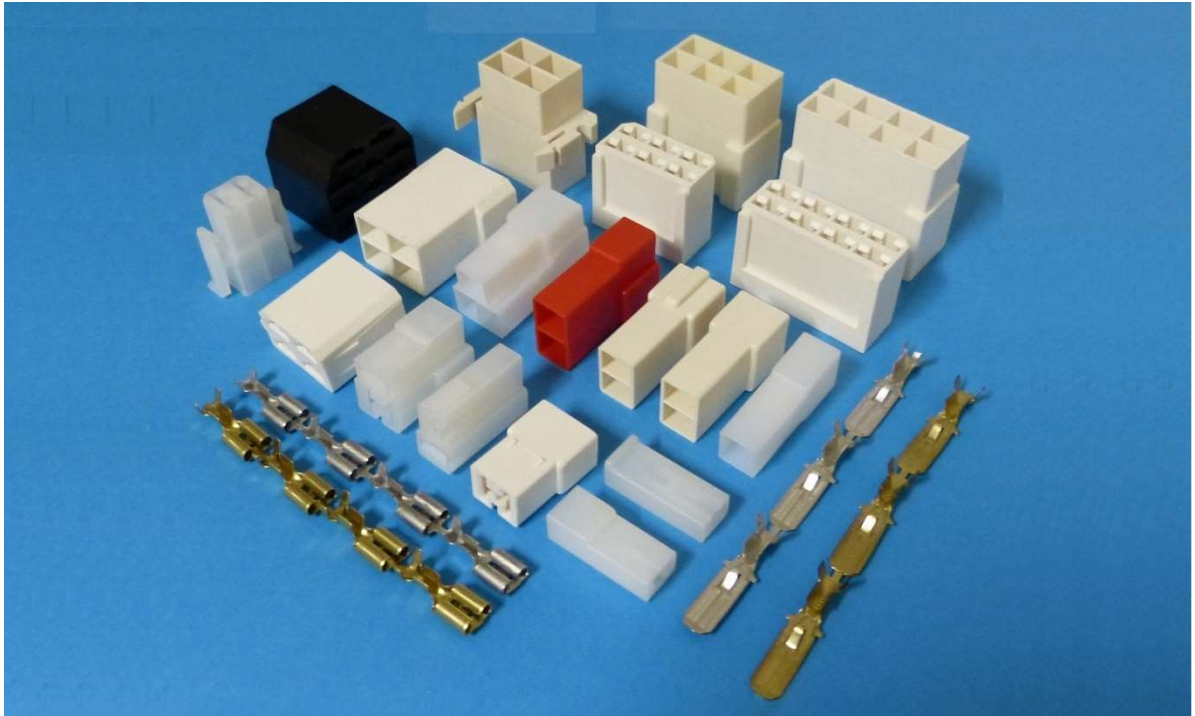
Temperatura d'esercizio / Operating temperature -40°C ~ +140°C

AUTOCERTIFICAZIONI / Product certification



CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	29.0mm	TF9512651	3,0-6,0	12-10	Ottone-Brass	---	---	3 x 2.500
	29.0mm	TF9512651			Ottone-Brass	Stagnato /Tin plated	---	3 x 2.500



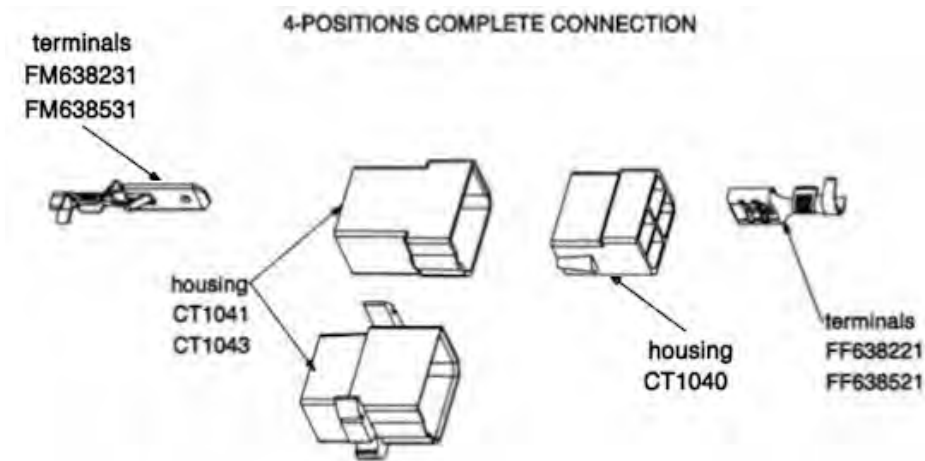
CT connector system

6,3 series Connectors

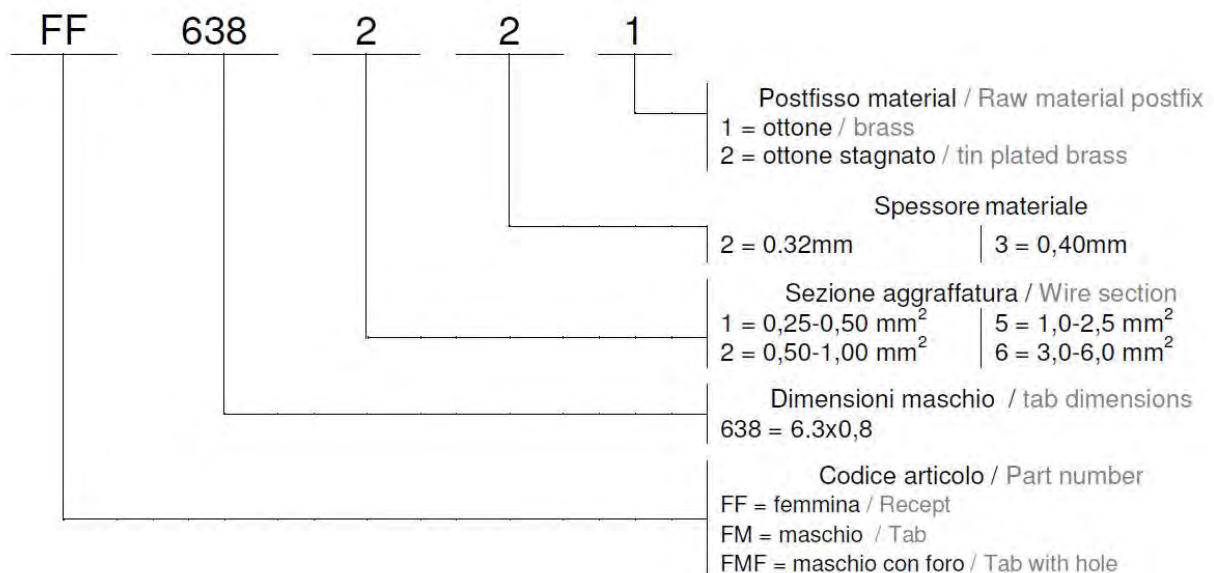
DESCRIZIONE / Description

Il sistema di connessione consiste in connettori maschio e femmina volanti e da pannello che si possono accoppiare a terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 6,3mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2 e PA66 UL94-V0 e in PA66 conforme alla Direttiva IEC 60335-1 con GWT a 750°C.

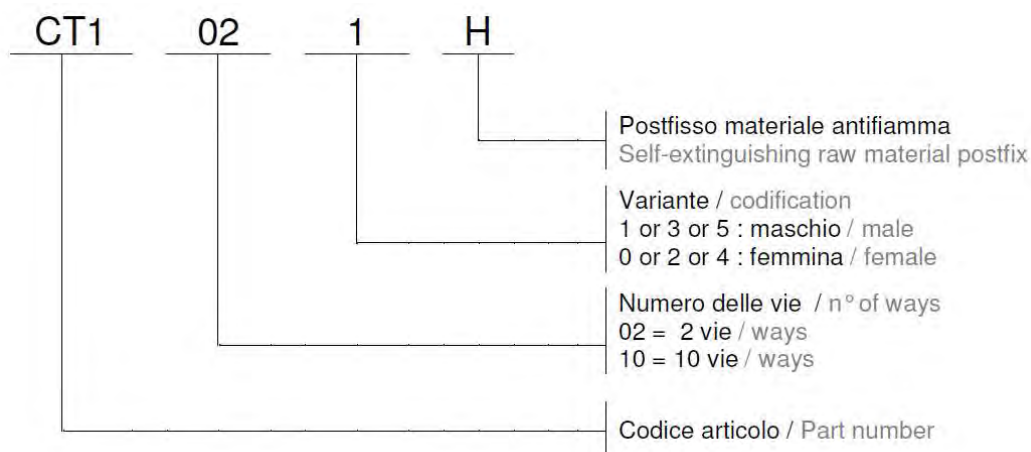
This connector system consists of wire-to-wire male and female housings with optional panel mounts, mating specified crimp contacts (receptacles or tabs) The connection is named according to the dimensions of the tab that have a width of 6,3mm (or .250") All the connector housings are available in material PA66 UL94-V2 , PA66 UL94-V0 and PA66 UL94-V0 and in material PA66 meeting to the Directive IEC 60335-1, with Glow Wire Test at 750° No Flame.



IDENTIFICAZIONE TERMINALI / Terminals Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66V2, PA66V0 PA66V2 and PA66V0 meeting the GWT (750°C No flame) according to Directive IEC 60335-1
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire	0,25-6.00 mm ² or 23-10 AWG	(DIN 46249 Teil1)
Tensione della corrente di lavoro / Rated Voltage	250V AC/DC	
Portata di corrente / Rated Current (max.)	25A max	(DIN 46249 Teil1)

CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact Resistance	3-35 mΩ min (DIN 46249 Teil1)

CERTIFICAZIONI SUL PRODOTTO / Product Approvals
















ECCT2.E304173
RFBV.E326092
RFBV2.E326092

AUTOCERTIFICAZIONI / Product certification










CONNETTORE FEMMINA / Female connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21,4mm	FF638321	0,50-1,00	20-17	Ottone-Brass	---		3 x 5.000
	21,4mm	FF638322	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21,5mm	FF638421	0,75-2,50	18-13	Ottone-Brass	---		3 x 5.000
	21,5mm	FF638422	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	20,9mm	FF638621	3,00-6,00	13-10	Ottone-Brass	---		3 x 5.000
	20,9mm	FF638622	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
Terminale con nervatura di rinforzo sul dentino / beat in locking lance								
	21,6mm	FF638221	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FF638222	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21,6mm	FF638521	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FF638522	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000







DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CT1010	PA66	V2	130	---		10.000
		CT1010V0	PA66	V0	140	---		
		CT1010H	PA6	V2	130	750°C noflame		
		CT1010Z	PA66	V0	140	750°C noflame		
	1	CT1010F	PA66	V2	130	---		10.000
		CT1010FV0	PA66	V0	140	---		
		CT1010FH	PA6	V2	130	750°C noflame		
		CT1010FZ	PA66	V0	140	750°C noflame		
	2	CT1020	PA66	V2	130	---		5.000
		CT1020V0	PA66	V0	140	---		
		CT1020H	PA6	V2	130	750°C noflame		
		CT1020Z	PA66	V0	140	750°C noflame		
	2	CT1022	PA66	V2	130	---		5.000
		CT1022V0	PA66	V0	140	---		
		CT1022H	PA6	V2	130	750°C noflame		
		CT1022Z	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CT1024	PA66	V2	130	---		5.000
		CT1024V0	PA66	V0	140	---		
		CT1024H	PA6	V2	130	750°C noflame		
		CT1024Z	PA66	V0	140	750°C noflame		
	3	CT1030	PA66	V2	130	---		2.500
		CT1030V0	PA66	V0	140	---		
		CT1030H	PA6	V2	130	750°C noflame		
		CT1030Z	PA66	V0	140	750°C noflame		
	3	CT1034	PA66	V2	130	---		4.000
		CT1034V0	PA66	V0	140	---		
		CT1034H	PA6	V2	130	750°C noflame		
		CT1034Z	PA66	V0	140	750°C noflame		
	4	CT1040	PA66	V2	130	---		2.500
		CT1040V0	PA66	V0	140	---		
		CT1040H	PA6	V2	130	750°C noflame		
		CT1040Z	PA66	V0	140	750°C noflame		
	6	CT1060	PA66	V2	130	---		2.000
		CT1060V0	PA66	V0	140	---		
		CT1060H	PA6	V2	130	750°C noflame		
		CT1060Z	PA66	V0	140	750°C noflame		
	6 Ganci da pannello Panel mounts	CT1062	PA66	V2	130	---		1.000
		CT1062V0	PA66	V0	140	---		
		CT1062H	PA6	V2	130	750°C noflame		
		CT1062Z	PA66	V0	140	750°C noflame		
	8	CT1080	PA66	V2	130	---		1.000
		CT1080V0	PA66	V0	140	---		
		CT1080H	PA6	V2	130	750°C noflame		
		CT1080Z	PA66	V0	140	750°C noflame		
	11	CT1110	PA66	V2	130	---		1.000
		CT1110V0	PA66	V0	140	---		
		CT1110H	PA6	V2	130	750°C noflame		
		CT1110Z	PA66	V0	140	750°C noflame		



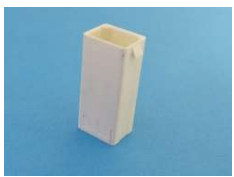

CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	30,0mm	FM638131	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	FM638132	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	FM638231	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 4.000
	30,0mm	FM638232	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	30,0mm	FM638331	0,50-1,00	20-17	Ottone-Brass	---		3 x 4.000
	30,0mm	FM638332	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	FM638431	0,75-2,50	18-13	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638432	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	FM638531	0,75-2,50	18-13	Ottone-Brass	---	---	3 x 3.500
	30,0mm	FM638532	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	---	3 x 3.500
Terminale con foro / terminal with hole								
	30,0mm	FMF638131	0,25-0,50	23-20	Ottone-Brass	---	---	3 x 5.000
	30,0mm	FMF638132	0,25-0,50	23-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	30,0mm	FMF638331	0,75-2,50	18-13	Ottone-Brass	---		3 x 4.000
	30,0mm	FMF638332	0,50-1,00	20-17	Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	30,0mm	FMF638431	0,50-1,00	20-17	Ottone-Brass	---		3 x 3.500
	30,0mm	FMF638432	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated		3 x 3.500
	30,0mm	FMF638632	3,00-6,00	13-10	Ottone-Brass	---		3 x 4.000
	30,0mm	FMF638632	3,00-6,00	13-10	Ottone-Brass	Stagnato /Tin plated		3 x 4.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	1	CT1011	PA66	V2	130	---		5.000
		CT1011V0	PA66	V0	140	---		
		CT1011H	PA6	V2	130	750°C noflame		
		CT1011Z	PA66	V0	140	750°C noflame		
	1	CT1021	PA66	V2	130	---		5.000
		CT1021V0	PA66	V0	140	---		
		CT1021H	PA6	V2	130	750°C noflame		
		CT1021Z	PA66	V0	140	750°C noflame		
	2	CT023	PA66	V2	130	---		2.500
		CT1023V0	PA66	V0	140	---		
		CT1023H	PA6	V2	130	750°C noflame		
		CT1023Z	PA66	V0	140	750°C noflame		
	2	CT1025	PA66	V2	130	---		5.000
		CT1025V0	PA66	V0	140	---		
		CT1025H	PA6	V2	130	750°C noflame		
		CT1025Z	PA66	V0	140	750°C noflame		
	3	CT1031	PA66	V2	130	---		2.500
		CT1031V0	PA66	V0	140	---		
		CT1031H	PA6	V2	130	750°C noflame		
		CT1031Z	PA66	V0	140	750°C noflame		
	4	CT1041	PA66	V2	130	---		2.500
		CT1041V0	PA66	V0	140	---		
		CT1041H	PA6	V2	130	750°C noflame		
		CT1041Z	PA66	V0	140	750°C noflame		
	4 Ganci da pannello Panel mounts	CT1043	PA66	V2	130	---		1.250
		CT1043V0	PA66	V0	140	---		
		CT1043H	PA6	V2	130	750°C noflame		
		CT1043Z	PA66	V0	140	750°C noflame		
	6 Ganci da pannello Panel mounts	CT1061	PA66	V2	130	---		1.000
		CT1061V0	PA66	V0	140	---		
		CT1061H	PA6	V2	130	750°C noflame		
		CT1061Z	PA66	V0	140	750°C noflame		
	6	CT1063	PA66	V2	130	---		1.000
		CT1063V0	PA66	V0	140	---		
		CT1063H	PA6	V2	130	750°C noflame		
		CT1063Z	PA66	V0	140	750°C noflame		

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	8 Ganci da pannello Panel mounts	CT1081	PA66	V2	130	---		1.000
		CT1081V0	PA66	V0	140	---		
		CT1081H	PA6	V2	130	750°C noflame		
		CT1081Z	PA66	V0	140	750°C noflame		
	8	CT1083	PA66	V2	130	---		1.000
		CT1083V0	PA66	V0	140	---		
		CT1083H	PA6	V2	130	750°C noflame		
		CT1083Z	PA66	V0	140	750°C noflame		
	11	CT1111	PA66	V2	130	---		1.000
		CT1111V0	PA66	V0	140	---		
		CT1111H	PA6	V2	130	750°C noflame		
		CT1111Z	PA66	V0	140	750°C noflame		

CONNETTORI SPECIALI / Custom connection

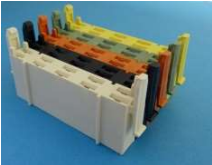







DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2	CT1028	PA66	V2	130	---		5.000
		CT1028V0	PA66	V0	140	---		
		CT1028H	PA6	V2	130	750°C noflame		
		CT1028Z	PA66	V0	140	750°C noflame		
	2	CT1029	PA66	V2	130	---		5.000
		CT1029V0	PA66	V0	140	---		
		CT1029H	PA6	V2	130	750°C noflame		
		CT1029Z	PA66	V0	140	750°C noflame		

NOTA / NOTE : i seguenti particolari hanno cambiato codice / codes of following parts have changed

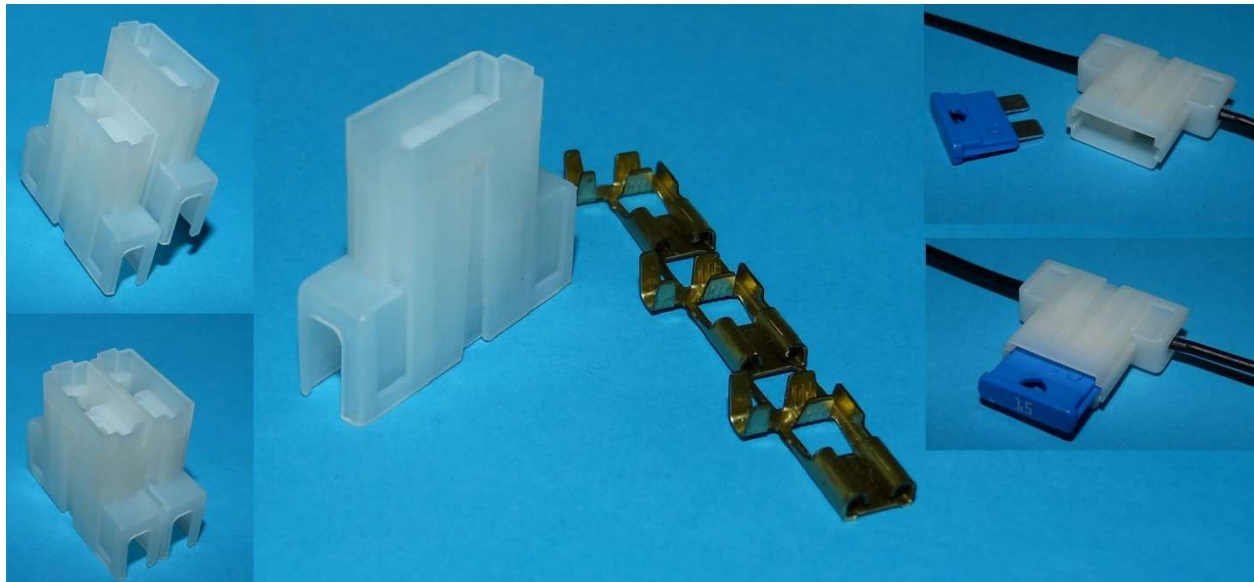
CT1028 = BS6002

CT1029 = BS6102

CONNETTORE PER PROGRAMMATTORE / Connector housings for Timer

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x5	CT5010T	PA66	V2	130	---		1.250
		CT5010TH	PA6	V2	130	750°C noflame		
		CT5010TZ	PA66	V0	140	750°C noflame		
	1x5	CT5005T	PA66	V2	130	---		1.250
		CT5005TH	PA6	V2	130	750°C noflame		
		CT5005T	PA66	V0	140	750°C noflame		
	1x12	CT5012	PA66	V2	130	---		1.500
		CT5012H	PA6	V2	130	750°C noflame		
		CT5012Z	PA66	V0	140	750°C noflame		
	2x5	C5C010	PA66	V2	130	---		1.250
		C5C010H	PA6	V2	130	750°C noflame		
		C5C010Z	PA66	V0	140	750°C noflame		

CONNETTORE PORTA FUSIBILE MODULARE

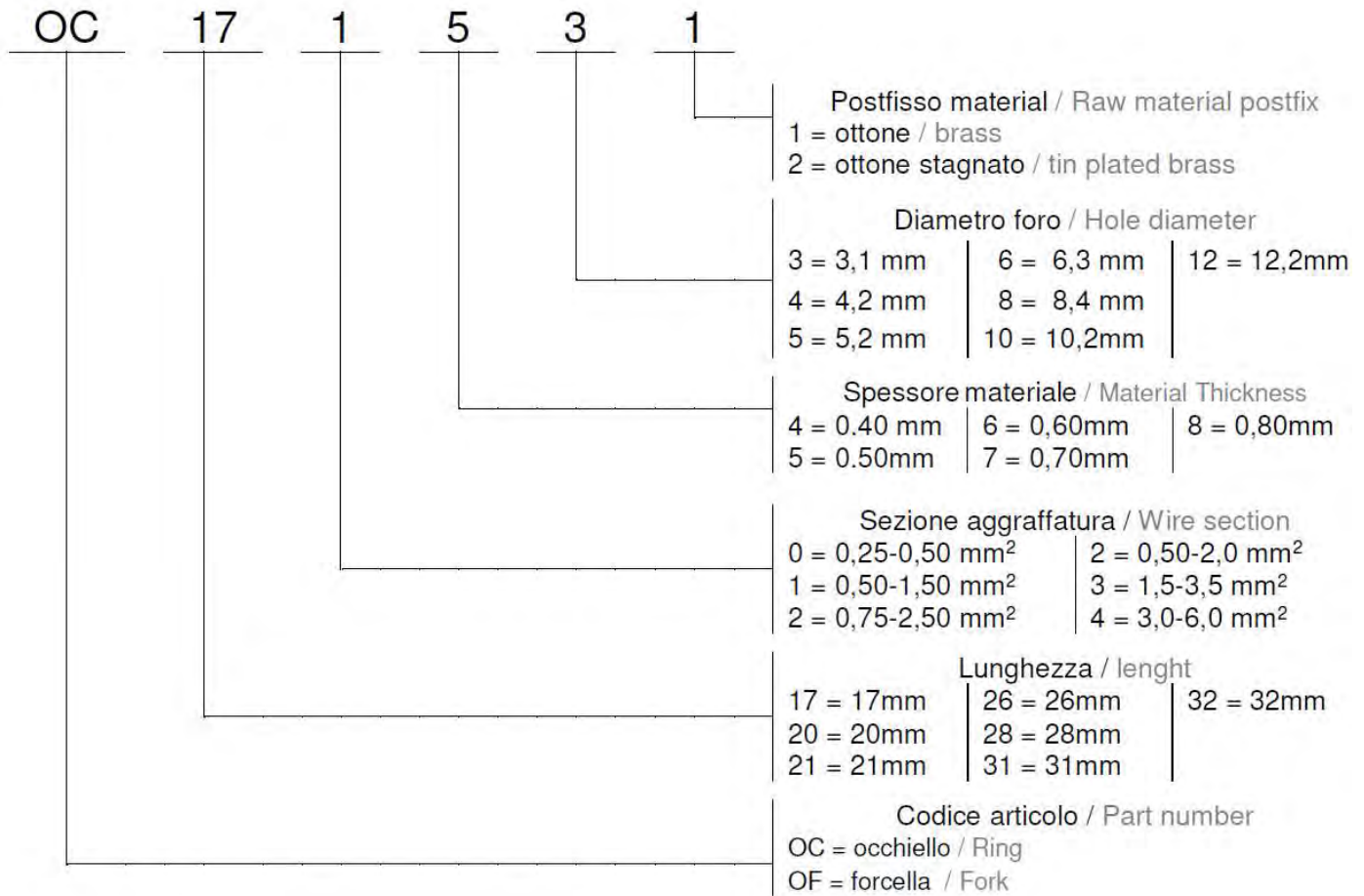


CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material			CERTIFICATI Approvals	CONF.NE Package
			UL94	RTI	GWT		
PF5301-1	Nero Black	2	PA66	V2	130	---	---
PF5301V0-1			PA6	V0	130	---	



Ring & Fork Terminals

IDENTIFICAZIONE / Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Ottone e Ottone stagnato / Brass with tin plating (Lead-Free)

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable Wire




0,25-6,00 mm² or 23-15 AWG

(DIN 46249 Teil1)




AUTOCERTIFICAZIONI / Product certification

CE **RoHS** **REACH**

FORCELLA / Fork terminals

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	20.0mm	3,1 mm	OF171531	0,50-1,50	20-15	Ottone-Brass	---	3 x 8.000
		3,1 mm	OF171532			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
		4,2 mm	OF171541			Ottone-Brass	---	3 x 8.000
		4,2 mm	OF171542			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
		5,2 mm	OF171551			Ottone-Brass	---	3 x 8.000
		5,2 mm	OF171552			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
	20.0mm	3,1 mm	OF172531	0,75-2,50	18-13	Ottone-Brass	---	3 x 5.000
		3,1 mm	OF172532			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OF172541			Ottone-Brass	---	3 x 5.000
		4,2 mm	OF172542			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OF172551			Ottone-Brass	---	3 x 5.000
		5,2 mm	OF172552			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
Forcella con larghezza ridotta								
	21,6mm	4,2 mm	OF172541R	0,75-2,50	18-13	Ottone-Brass	---	3 x 5.000
		4,2 mm	OF172542R	0,75-2,50	18-13	Ottone-Brass	Stagnato /Tin plated	3 x 5.000


OCCHIELLO SERIE 17 mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	19.0mm	3,1 mm	OC170531	0,35-1,00	21-17	Ottone-Brass	---	3 x10.000
		3,1 mm	OC170532			Ottone-Brass	Stagnato /Tin plated	3 x10.000
		4,2 mm	OC170541			Ottone-Brass	---	3 x10.000
		4,2 mm	OC170542			Ottone-Brass	Stagnato /Tin plated	3 x10.000
		5,2 mm	OC170551			Ottone-Brass	---	3 x10.000
		5,2 mm	OC170552			Ottone-Brass	Stagnato /Tin plated	3 x10.000
	19.0mm	3,1 mm	OC171531	0,50-1,50	20-15	Ottone-Brass	---	3 x 8.000
		3,1 mm	OC171532			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
		4,2 mm	OC171541			Ottone-Brass	---	3 x 8.000
		4,2 mm	OC171542			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
		5,2 mm	OC171551			Ottone-Brass	---	3 x 8.000
		5,2 mm	OC172552			Ottone-Brass	Stagnato /Tin plated	3 x 8.000
	19.0mm	3,1 mm	OC172531	1,00-2,50	17-13	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC172532			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC172541			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC172542			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OC172551			Ottone-Brass	---	3 x 5.000
		5,2 mm	OC172552			Ottone-Brass	Stagnato /Tin plated	3 x 5.000


OCCHIELLO SERIE 20 mm – Spessore materiale 0,50mm / Material thickness 0.50mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	21.8mm	3,1 mm	OC202531	0,50-1,50	20-15	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC202532			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC202541			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC202542			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OC202551			Ottone-Brass	---	3 x 5.000
		5,2 mm	OC202552			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		6,2 mm	OC202561			Ottone-Brass	---	3 x 5.000
		6,2 mm	OC202562			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
	21.8mm	3,1 mm	OC203531	1,50-3,50	15-11	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC203532			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC203541			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC203542			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OC203551			Ottone-Brass	---	3 x 5.000
		5,2 mm	OC203552			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		6,2 mm	OC203561			Ottone-Brass	---	3 x 5.000
		6,2 mm	OC203562			Ottone-Brass	Stagnato /Tin plated	3 x 5.000


OCCHIELLO SERIE 20 mm – Spessore materiale 0,60mm / Material thickness 0.60mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	21.8mm	3,1 mm	OC202631	0,50-2,00	20-14	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC202632			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC202641			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC202642			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OC202651			Ottone-Brass	---	3 x 5.000
		5,2 mm	OC202652			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		6,2 mm	OC202661			Ottone-Brass	---	3 x 5.000
		6,2 mm	OC202662			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
	21.8mm	3,1 mm	OC203631	1,50-3,50	15-11	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC203632			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC203641			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC203642			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		5,2 mm	OC203651			Ottone-Brass	---	3 x 5.000
		5,2 mm	OC203652			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		6,2 mm	OC203661			Ottone-Brass	---	3 x 5.000
		6,2 mm	OC203662			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
	21.8mm	3,1 mm	OC204641	3,0-6,0	12-10	Ottone-Brass	---	3 x 4.000
		3,1 mm	OC204642			Ottone-Brass	Stagnato /Tin plated	3 x 4.000
		4,2 mm	OC204651			Ottone-Brass	---	3 x 4.000
		4,2 mm	OC204652			Ottone-Brass	Stagnato /Tin plated	3 x 4.000
		5,2 mm	OC204661			Ottone-Brass	---	3 x 4.000
		5,2 mm	OC204662			Ottone-Brass	Stagnato /Tin plated	3 x 4.000


OCCHIELLO SERIE 21 mm – Spessore materiale 0,60mm / Material thickness 0.60mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	21.8mm	3,1 mm	OC212641	0,50-2,00	20-14	Ottone-Brass	---	3 x 5.000
		3,1 mm	OC212642			Ottone-Brass	Stagnato /Tin plated	3 x 5.000
		4,2 mm	OC212651			Ottone-Brass	---	3 x 5.000
		4,2 mm	OC212652			Ottone-Brass	Stagnato /Tin plated	3 x 5.000


OCCHIELLO SERIE 26 mm – Spessore materiale 0,60mm / Material thickness 0.60mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	28mm	8,2 mm	OC262681	0,50-1,50	20-15	Ottone-Brass	---	3 x 3.000
		8,2 mm	OC262682			Ottone-Brass	Stagnato /Tin plated	3 x 3.000
		10,2 mm	OC2626101			Ottone-Brass	---	3 x 3.000
		10,2 mm	OC2626102			Ottone-Brass	Stagnato /Tin plated	3 x 3.000


OCCHIELLO SERIE 26 mm – Spessore materiale 0,70mm / Material thickness 0.70mm

	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	28mm	5,2 mm	OC264751	3,00-6,00	12-10	Ottone-Brass	---	3 x 2.500
		5,2 mm	OC264752			Ottone-Brass	Stagnato /Tin plated	3 x 2.500
		6,2 mm	OC264761			Ottone-Brass	---	3 x 2.500
		6,2 mm	OC264761			Ottone-Brass	Stagnato /Tin plated	3 x 2.500
		7,2 mm	OC264771			Ottone-Brass	---	3 x 2.500
		7,2 mm	OC264772			Ottone-Brass	Stagnato /Tin plated	3 x 2.500
		8,4 mm	OC264781			Ottone-Brass	---	3 x 2.000
		8,4 mm	OC264782			Ottone-Brass	Stagnato /Tin plated	3 x 2.000


OCCHIELLO SERIE 28 mm – Spessore materiale 0,40mm / Material thickness 0.40mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	30mm	3,75mm	OC28263D1	0,75-2,50	18-13	Ottone-Brass	---	3 x 5.000
		3,75mm	OC28263D2			Ottone-Brass	Stagnato /Tin plated	3 x 5.000

OCCHIELLO SERIE 31 mm – Spessore materiale 0,80mm / Material thickness 0.80mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	34,5mm	6,5 mm	OC314861	3,00-6,00	12-10	Ottone-Brass	---	3 x 1.000
		6,5 mm	OC314862			Ottone-Brass	Stagnato /Tin plated	3 x 1.000
		8,4 mm	OC314881			Ottone-Brass	---	3 x 1.000
		8,4 mm	OC314882			Ottone-Brass	Stagnato /Tin plated	3 x 1.000

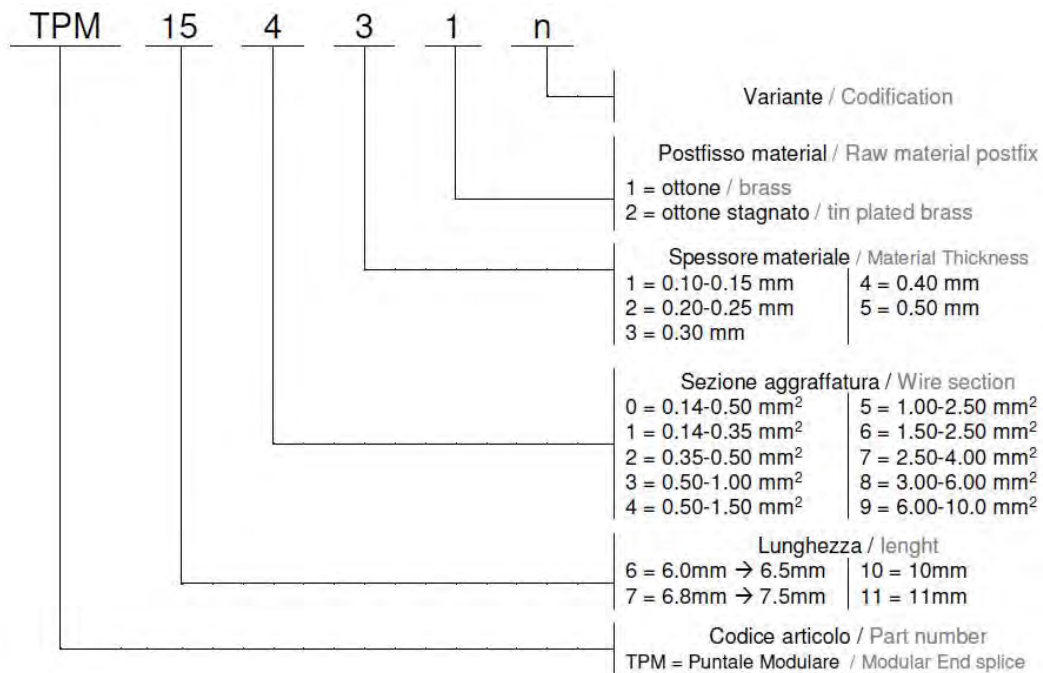
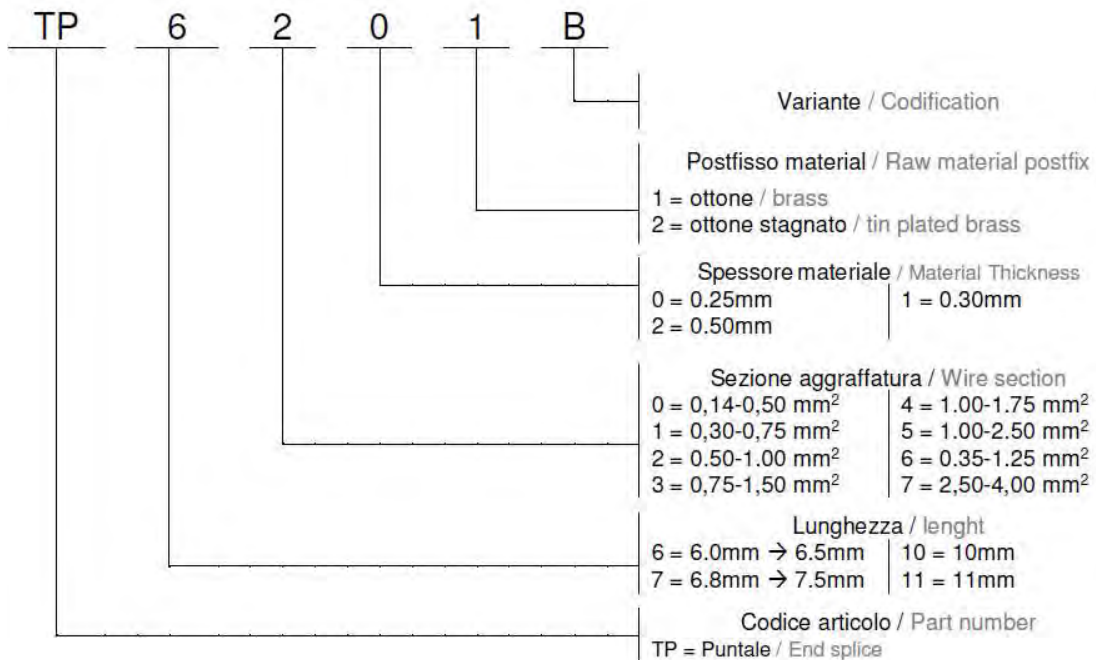
OCCHIELLO SERIE 32 mm – Spessore materiale 0,80mm / Material thickness 0.80mm

DESCRIZIONE Description	PASSO Pitch	FORO Hole	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	34,5mm	10,2 mm	OC3248101	3,00-6,00	12-10	Ottone-Brass	---	3 x 1.000
		10,2 mm	OC3248102			Ottone-Brass	Stagnato /Tin plated	3 x 1.000
		12,2 mm	OC3248121			Ottone-Brass	---	3 x 1.000
		12,2 mm	OC3248122			Ottone-Brass	Stagnato /Tin plated	3 x 1.000



End Splices

IDENTIFICAZIONE / Name and Part Number




CARATTERISTICHE MATERIALI / Materials Specification


Terminali / Contacts Brass or Phosphor Bronze with tin plating (Lead-Free)


AUTOCERTIFICAZIONI / Product certification




SERIE 11 mm con aletta per isolante

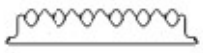
DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	NOTE Note	CONF.NE Package
			mm ²	AWG				
	12,5mm	TP11211	0,50-1,00	20-17	Ottone /Brass	---		3x15.000
		TP11212			Ottone /Brass	Stagnato/Tinplated		

	12,5mm	TP11311	0,75-1,50	18-14	Ottone /Brass	---		3x15.000
		TP11312			Ottone /Brass	Stagnato/Tinplated		



	12,5mm	TP11511	1,00-2,50	20-15	Ottone /Brass	---		3x15.000
		TP11512			Ottone /Brass	Stagnato/Tinplated		



		TP11611	2,50-4,00	13-11	Ottone /Brass	---		3x15.000
		TP11612			Ottone /Brass	Stagnato/Tinplated		

SERIE 10mm

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	NOTE Note	CONF.NE Package
			mm ²	AWG				
	12,5mm	TP10201	0,75	18	Ottone /Brass	---	---	3x40.000
		TP10202			Ottone /Brass	Stagnato/Tinplated	---	

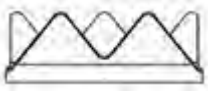
SERIE 7mm


DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	NOTE Note	CONF.NE Package
			mm ²	AWG				
	8,5mm	TP7101	0,35-0,75	22-18	Ottone /Brass	---	---	3x50.000
		TP7102	0,35-0,75	22-18	Ottone /Brass	Stagnato/Tinplated	---	3x50.000
	8,5mm	TP7101F	0,35-0,75	22-18	Ottone /Brass	---	Con Nervature	3x50.000
		TP7102F	0,35-0,75	22-18	Ottone /Brass	Stagnato/Tinplated		3x50.000

	8,5mm	TP7311	0,50-1,5	22-15	Ottone /Brass	---	---	3x30.000
		TP7312	0,50-1,5	22-15	Ottone /Brass	Stagnato/Tinplated	---	3x30.000
	8,5mm	TP7311F	0,50-1,5	22-15	Ottone /Brass	---	Con Nervature	3x30.000
		TP7312F	0,50-1,5	22-15	Ottone /Brass	Stagnato/Tinplated		3x30.000

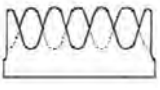
	8,5mm	TP7511	1,50-2,50	16-14	Ottone /Brass	---	---	3x30.000
		TP7512	1,50-2,50	16-14	Ottone /Brass	Stagnato/Tinplated	---	3x30.000

SERIE 6mm




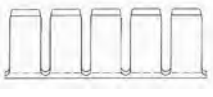
DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	NOTE Note	CONF.NE Package
			mm ²	AWG				
	7,5mm	TP6201	0,50-1,0	20-17	Ottone /Brass	---	---	3x50.000
		TP6202	0,50-1,0	20-17	Ottone /Brass	Stagnato/Tinplated	---	3x50.000

	7,5mm	TP6201B	0,50-1,0	20-17	Ottone /Brass	---	Tipo B	3x50.000
		TP6202B	0,50-1,0	20-17	Ottone /Brass	Stagnato/Tinplated		3x50.000

SERIE 4mm

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	NOTE Note	CONF.NE Package
			mm ²	AWG				
	4,6mm	TP4001	0,14-0,50	24-20	Ottone /Brass	---	---	3x45.000
		TP4002	0,14-0,50	24-20	Ottone /Brass	Prestagnato pretinned	---	3x45.000

SERIE MODULARE

DESCRIZIONE Description	CODICE Code	PASSO Pitch	LUNGHEZZA length	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CONF.NE Package
				mm ²	AWG			
	TPM15431	2.3 mm	(1x) 1.5 mm	0,5-1,5	20-15	Ottone /Brass	---	3x130.000
	TPM15432		(2x) 3.8 mm (3x) 6.1 mm (4x) 8.4 mm (5x) 10.7 mm			Ottone /Brass	Stagnato/Tinplated	3x130.000
	TPM15631	2.3 mm	(1x) 1.5 mm	1,5-2,5	15-13	Ottone /Brass	---	3x100.000
	TPM15632		(2x) 3.8 mm (3x) 6.1 mm (4x) 8.4 mm (5x) 10.7 mm			Ottone /Brass	Stagnato/Tinplated	3x100.000
	TPM40721	5.0 mm	(1x) 4.0 mm	2,5-4,0	16-12	Ottone /Brass	---	3x35.000
	TPM40722		(2x) 9.0 mm (3x) 14.0 mm			Ottone /Brass	Stagnato/Tinplated	3x35.000
	TPM29951	3.75mm	(1x) 2.90 mm	6,0-10,0	10-7	Ottone /Brass	---	3x25.000
	TPM29952		(2x) 6.65 mm (3x) 10.40 mm			Ottone /Brass	Stagnato/Tinplated	3x25.000

Certificazioni

Approvals

CERTIFICAZIONI DI PRODOTTO



UL – FILE ECCT2.E304173
 UL – FILE ECBT2.E490437
 UL – FILE RFVV.E326092
 UL – FILE RFVV2.E326092

I prodotti Mikropla hanno ottenuto il riconoscimento dell'UL (Underwriters Laboratories Inc.) secondo gli Standard UL1977, UL310

Mikropla products have been recognized by UL (Underwriters Laboratories Inc.) according to UL1977, UL310 Standards



UL/CSA – FILE ECBT2/8.E490437

I prodotti Mikropla hanno ottenuto il riconoscimento dell'UL (Underwriters Laboratories Inc.) secondo gli Standard CSA

Mikropla products have been recognized by UL (Underwriters Laboratories Inc.) according to the CSA Standards

CERTIFICAZIONI DI SISTEMA



ISO 9001: 2015

CERTIFICATO n° 9101.MIKR

POLITICHE AZIENDALI

POLITICA DELLA QUALITÀ

Con il presente documento, la Direzione della MIKROPLA vuole comunicare all'interno, ma anche all'esterno dell'azienda, la propria Politica della Qualità e la convinzione che il mantenimento del proprio Sistema di Gestione Qualità conforme alla norma UNI EN ISO 9001 e la sua certificazione da parte di un ente terzo, continuo ad essere un elemento strategico per l'azienda, per il suo miglioramento continuo e per la soddisfazione dei propri clienti.

In particolare, la MIKROPLA punta al miglioramento della qualità del prodotto attraverso un'attenta analisi e gestione delle non-conformità rilevate; ad un miglioramento del servizio offerto al cliente, cercando di comprendere a pieno le sue esigenze e di instaurare un rapporto di reciproca collaborazione, anche attraverso il contatto diretto da parte della stessa Direzione; all'ottimizzazione del processo produttivo, eliminando le inefficienze, sensibilizzando gli addetti e garantendo un ambiente di lavoro adeguato e sicuro.

La Direzione della MIKROPLA concretizza il proprio impegno, coerente con la Politica, attraverso la definizione di specifiche azioni:

- fornire al Cliente un prodotto ad alto valore aggiunto, nel rispetto dei requisiti richiesti, mettendo a disposizione tutte le competenze professionali necessarie ad assicurare il giusto supporto tecnico;
- promuovere l'impegno collettivo e gli obiettivi aziendali, attraverso iniziative di sensibilizzazione, informazione e formazione rivolte al personale aziendale;
- valutare costantemente e migliorare continuamente l'efficacia del Sistema di Gestione per la Qualità mediante una verifica periodica dei processi ed un metodo di misura delle prestazioni dei singoli processi e dei livelli di Qualità dei prodotti;
- prestare particolare attenzione alla soddisfazione dei clienti;
- rispettare il quadro di riferimento legislativo e normativo applicabile all'azienda ed ai prodotti;
- utilizzare fornitori qualificati ed affidabili.

La Direzione della MIKROPLA, inoltre, si impegna ad assicurare la disponibilità delle risorse necessarie per l'attuazione della Politica Qualità ed a provvedere, nel corso delle riunioni di riesame, sia a rivedere il presente documento al fine di garantire che sia sempre appropriato alle finalità ed alle esigenze aziendali, sia a valutare i risultati conseguiti a fronte degli obiettivi prefissati, attraverso l'utilizzo di opportuni indicatori di performance e la redazione di piani di miglioramento, da perseguire con l'impegno, la partecipazione e la collaborazione di tutto il personale aziendale

QUALITY POLICY

With this document, the Management of MIKROPLA wants to communicate its own Quality Policy within the company, but also outside the company. With the belief that its Quality Management System complying with the UNI EN ISO 9001 standard and its certification by a third party, are strategic elements for the company, for its continuous improvement and for the satisfaction of its customers.

In particular, MIKROPLA aims to improve product quality through careful analysis and management of detected non-conformities; to an improvement of the service offered to the client, trying to fully understand his needs and to establish a relationship of mutual collaboration, also through direct contact by the same Management; optimization of the production process, eliminating inefficiencies, sensitizing employees and ensuring an adequate and safe working environment.

The Management of MIKROPLA realizes its commitment, consistent with the Policy, through the definition of specific actions:

- provide the customer with a product with high added value, in compliance with the requirements, providing all the professional skills necessary to ensure the right technical support;
- promote collective commitment and corporate objectives, through awareness-raising, information and training initiatives aimed at company personnel;
- constantly evaluate and continuously improve the effectiveness of the Quality Management System through a periodic verification of the processes and a method of measuring the performance of the individual processes and levels of product quality;
- pay particular attention to customer satisfaction;
- comply with the legislative and regulatory framework applicable to the company and its products;
- use qualified and reliable suppliers.

The Management of MIKROPLA also undertakes to ensure the availability of the resources necessary for the implementation of the Quality Policy and to provide, during the re-examination meetings, both to review this document in order to ensure that it is always appropriate to the purposes and to the business needs, both to evaluate the results achieved in relation to the objectives set, through the use of appropriate performance indicators and the drafting of improvement plans, to be pursued with the commitment,

AUTOCERTIFICAZIONI



MARCATURA CE

Essa attesta che i prodotti Mikropla sono realizzati in conformità alle Direttive Europee :
2014/35/UE "Bassa Tensione"
2014/30/UE "Compatibilità Elettromagnetica"
e relative norme armonizzate.

It certifies that Mikropla's products are manufactured in accordance with the European Directives :
2014/35/EU "Low Voltage"
2014/30/EU "Electromagnetic Compatibility"
and related harmonized standards.

REACH

REGOLAMENTO
CE 1907/2006

Essa attesta che connettori e terminali sono prodotti con materie prime che non contengono nessuna delle sostanze incluse dall' ECHA nella "Candidate List" delle sostanze SVHC (Substances of Very High Concern for Authorization)

It certifies that connectors and terminals are produced with raw materials that do not contain any of the substances included by ECHA in the "Candidate List" of SVHC substances (Substances of Very High Concern for Authorization)

RoHS

DIRETTIVE
RoHS 2011/65/EC
RoHS 2015/863/EU

Essa attesta che connettori e terminali vengono prodotti utilizzando materie prime conformi alla Direttiva 2011/65/EC sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche e conformi alla Direttiva 2015/863/EU che aggiunge quattro nuove sostanze alla lista delle sei già sottoposte a restrizione.

It certifies that connectors and terminals are produced using raw materials that comply with Directive 2011/65 / EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment and comply with Directive 2015/863 / EU which adds four new substances to the list of you are already restricted.

PROVE E TEST EFFETTUATI SUL PRODOTTO



GLOWWIRE TEST

Il certificato di prova del filo incandescente (GWT) attesta la conformità dei connettori al Test di autestinguenza eseguito secondo la Norma IEC 60695-2-11 (Ed. 2.0) e richiesto dalla Norma IEC 60335-1 (Ed. 5.1)

It certifies the conformity of the connectors to the self-extinguishing test performed according to the IEC 60695-2-11 (Ed 2.0) and required by the IEC 60335-1 Standard (Ed 5.1)

DISEGNI, QUOTE E TOLLERANZE / DRAWINGS, DIMENSIONS AND TOLERANCES

I disegni presenti in questo catalogo sono indicativi, non sono disegni costruttivi, per cui le quote indicate nel catalogo non sono sottoposte a controllo. Avendo un fine puramente commerciale, esse devono servire unicamente ad individuare la tipologia del prodotto e non possono essere usate come riferimento per controlli dimensionali, controlli qualitativi o per eventuali reclami. Per disegni tecnici, quote di riferimento per controlli dimensionali e tolleranze delle quote si prega di richiedere la Scheda tecnica dell' articolo. Le quantità delle confezioni indicate nel catalogo hanno una tolleranza di -0%+0,5%

All the drawings in this catalogue are approximate and not construction drawings, so all dimensions shown are not subject to control. Having a purely commercial purpose, dimensions should be used only to identify the product and can't be used as a reference for dimensional checks, quality control or for any complaints. For technical drawings, benchmark for dimensional tolerances and allowances please request the technical details of each article. The amounts of the pack indicated in this catalog have a tolerance of -0%+0.5%

IMBALLI / PACKAGING

Le quantità riportate nel catalogo sono riferite alla singola confezione di prodotto. Per le forniture minime, contattate il nostro Ufficio Commerciale.

Quantities mentioned in the catalogue are referred to the single product packaging. Please contact our Sales Office for the MOQ

Materie Prime

Raw materials

CARATTERISTICHE DEI MATERIALI / RAW MATERIALS FEATURES

CODICE Code	LAMINATO METALLICO Metal strip	TEMPERATURA D'ESERCIZIO Temperature of work
1	Ottone / Brass	100°C
2 or 3	Ottone stagnato o pre-stagnato / Tinplated or Pretinned Brass	120°C
4	Alpacca / Alpaka	200°C
5	Acciaio Pre Nichelato / Nickered Steel	300°C
6	Bronzo / Bronze	100°C
7	Bronzo stagnato / Tin plated Bronze	120°C
8	Bronzo fosforoso Stagnato / Tinplated PhosphorBronze	120°C
9	Acciaio Inox / Inox Steel	300°C

CODICE Code	PLASTICHE Plstic raw material	UL94	Tracking Index CTI	GWFI °C	GWIT °C	GWT °C	RTI Elec. °C
---	PA66	V2	0	---	---	---	105/130
H	PA66 / PA6	V2	2/1	850/800	875/825	750 noflame	130/140
V	PA46	V2	2	---	---	---	150
VO	PA66/6	V0	0	---	---	---	140
Z	PA66	V0	2	960	825	750 noflame	140
VONF	PA66	V0	2	960	775	750 noflame	140
PE	PE	V1	---	---	---	---	90
---	PC	V1	---	---	---	---	90
---	PVC	V2	---	---	---	---	90

CODICE Code	COLORE DELLE PLASTICHE Plastic raw material Colour
1	Nero/ Black
2	Rosso/ Red
3	Verde/ Green
4	Giallo/Yellow
5	Blu/ Blue
6	Marrone/Brown
7	Grigio/ Grey
8	Viola/ Violet
9	Arancione/ Orange

TABELLA DI CONVERSIONE AWG / AWG CONVERSION TABLE

AWG sta per American Wire Gauge ed il metodo americano per la produzione dei fili è diverso. Le dimensioni AWG non corrispondono esattamente alle sezioni metriche europee. La tabella seguente indica le dimensioni corrispondenti all' AWG

Le seguenti forze di estrazione si riferiscono a connessioni senza isolamento (connessioni crimpate) in conformità con la norma europea EN60352-2. La forza di estrazione è il valore minimo e può essere superato.

AWG stands for American Wire Gauge. The American method for manufacturing the wires is different therefore AWG dimensions do not match exactly the European metric cross sections.

The table below indicates the dimensions that correspond with those of the AWG

The following pull-out forces are stipulated for solderless connections (crimped connections) in accordance with European standard EN60352-2. The pull-out force is the minimum value, can be exceeded.

conductor section		cross section	Pull-our force
AWG	mm ²	mm ²	N
26	0,14	0,12	15
24		0,22	28
	0,25		32
22	0,35	0,32	40
21		0,41	
20	0,50	0,51	60
19		0,65	
	0,75		85
18		0,82	90
	1,0		108
16		1,3	135
	1,5		150
14		2,1	200
	2,5		230
12		3,3	275
	4,0		310
10		5,3	355
	6,0		360
8		8,4	370
	10		380