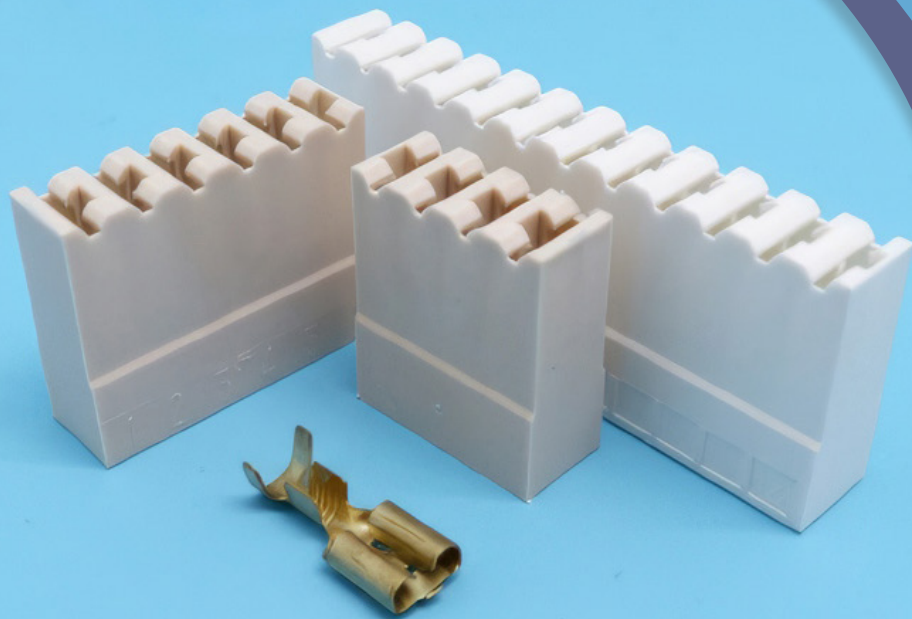


CT5 series



CT5 connector system **Wire - to - Board**

Passo 5.00mm
Pitch 5.00 mm

DESCRIZIONE / Overview

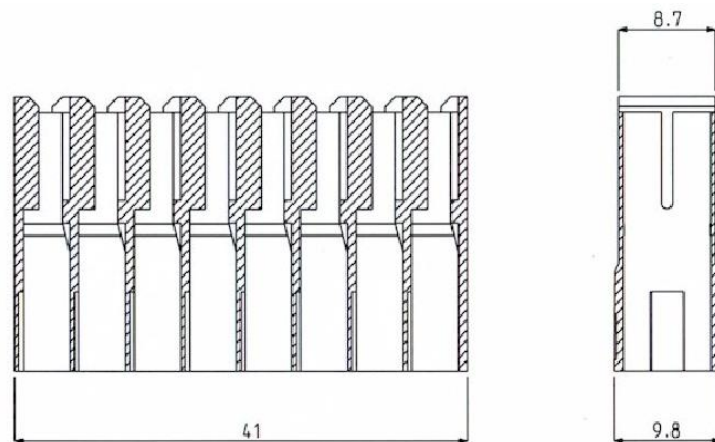
L'assenza di polarizzazioni, il passo 5.00mm e il tipo di contatto utilizzato rendono questo tipo di connessione semplice, economico e facile da utilizzare. I connettori sono disponibili in materiali compatibili con il 'Glow Wire Test' secondo la Norma IEC 60335-1 ed hanno applicazioni in cablaggi elettrici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

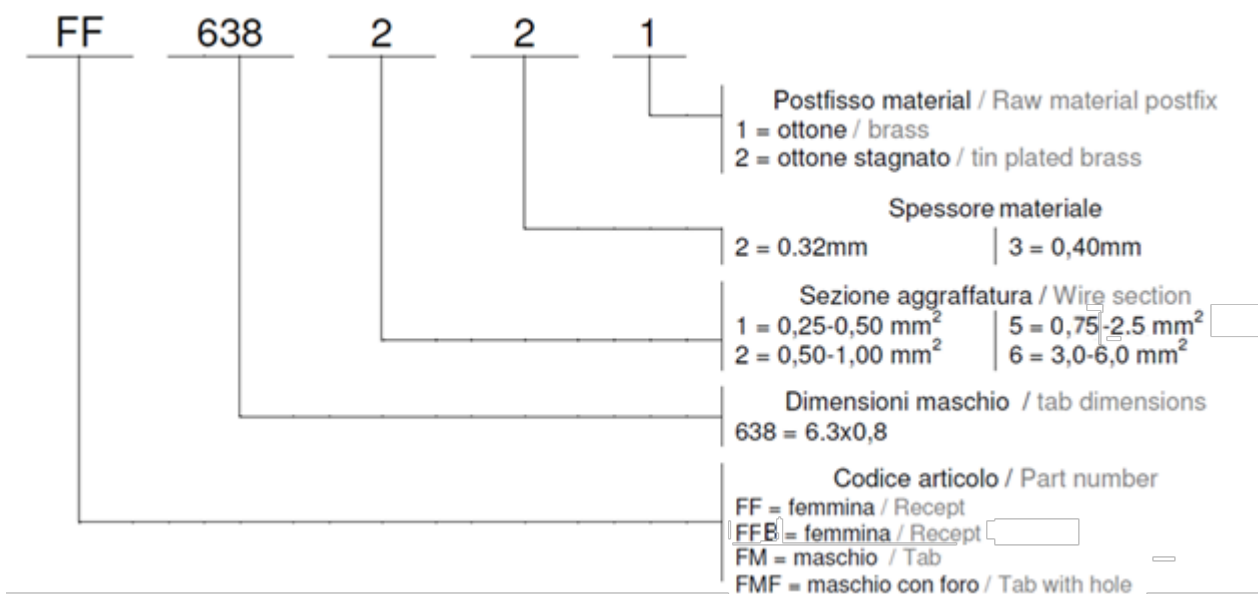
A connector assembly consists of a 5.00mm pitch housing with a specified number of crimp contacts (sockets).

Terminal retention into the housing is provided by the lance of the terminals.

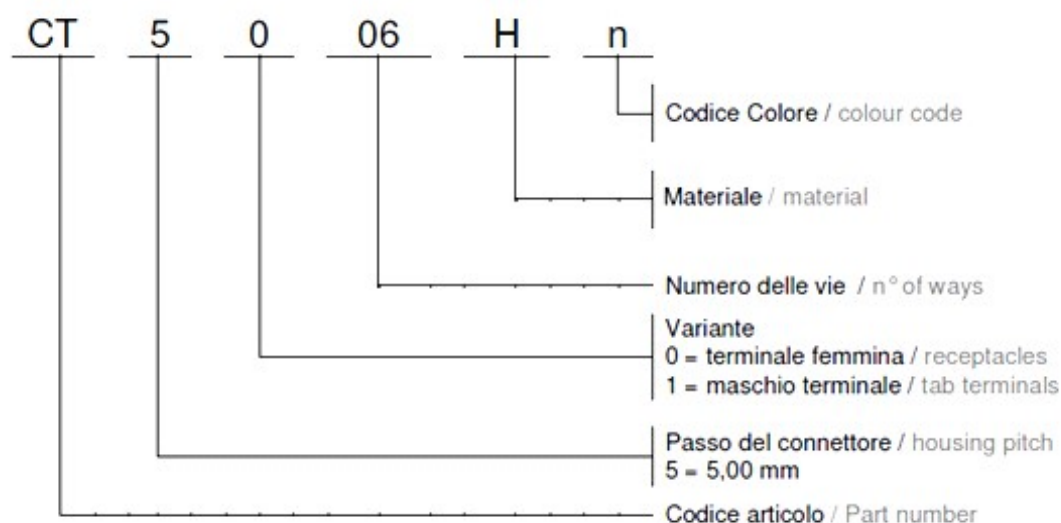
DIMENSIONI / Dimensions



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	0,25-6,00 mm ² / 24-10 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
RFBW2.E326092



RFBW2.E326092

AUTOCERTIFICAZIONI / Product Certification

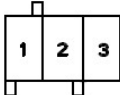


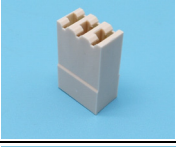
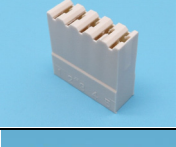
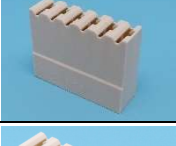
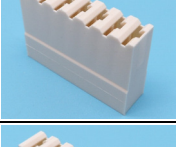
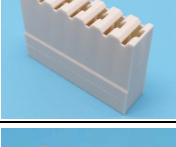
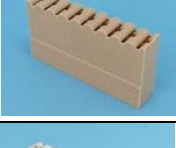
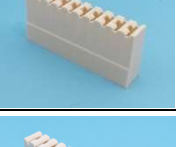
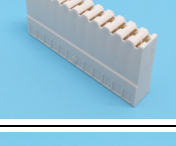
RoHS

REACH

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	FF638121	0,25-0,50	24-20	Ottone-Brass	---		3 x 5.000
	21,4mm	FF638122	0,25-0,50	24-20	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	20,9mm	FF638621	3,00-6,00	14-10	Ottone-Brass	---		3 x 5.000
	20,9mm	FF638622	3,00-6,00	14-10	Ottone-Brass	Stagnato /Tin plated		3 x 5.000
Terminale con dentino rinforzato da nervatura / armored locking lance								
	21,6mm	FF638221	0,50-1,00	20-18	Ottone-Brass	---		3 x 5.000
	21,6mm	FF638222	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned		3 x 5.000
	21,6mm	FF638521	0,75-2,50	18-14	Ottone-Brass	---		3 x 5.000
	21,6mm	FF638522	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned		3 x 5.000
Terminale con dentino e bugna / with locking lance and mating dimple								
	21,6mm	FFB638221	0,50-1,00	20-18	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FFB638222	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 5.000
	21,6mm	FFB638521	0,75-2,50	18-14	Ottone-Brass	---	---	3 x 5.000
	21,6mm	FFB638522	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 5.000

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		CT5003M	PA66	V2	130	---	---	2.000
		CT5003MV0	PA66	V0	140	---		
		CT5003MH	PA6	V2	130	750°C noflame		
		CT5003MZ	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	CT5002	PA66	V2	130	---	---	2.000
		CT5002V0	PA66	V0	140	---		
		CT5002H	PA6	V2	130	750°C noflame		
		CT5002Z	PA66	V0	140	750°C noflame		
	3	CT5003	PA66	V2	130	---	---	2.000
		CT5003V0	PA66	V0	140	---		
		CT5003H	PA6	V2	130	750°C noflame		
		CT5003Z	PA66	V0	140	750°C noflame		
	4	CT5004	PA66	V2	130	---	---	1.000
		CT5004V0	PA66	V0	140	---		
		CT5004H	PA6	V2	130	750°C noflame		
		CT5004Z	PA66	V0	140	750°C noflame		
	5	CT5005	PA66	V2	130	---	---	1.000
		CT5005V0	PA66	V0	140	---		
		CT5005H	PA6	V2	130	750°C noflame		
		CT5005Z	PA66	V0	140	750°C noflame		
	6	CT5006	PA66	V2	130	---	---	1.000
		CT5006V0	PA66	V0	140	---		
		CT5006H	PA6	V2	130	750°C noflame		
		CT5006Z	PA66	V0	140	750°C noflame		
	7	CT5007	PA66	V2	130	---	---	1.000
		CT5007V0	PA66	V0	140	---		
		CT5007H	PA6	V2	130	750°C noflame		
		CT5007Z	PA66	V0	140	750°C noflame		
	8	CT5008	PA66	V2	130	---	---	1.000
		CT5008V0	PA66	V0	140	---		
		CT5008H	PA6	V2	130	750°C noflame		
		CT5008Z	PA66	V0	140	750°C noflame		
	9	CT5009	PA66	V2	130	---	---	1.000
		CT5009V0	PA66	V0	140	---		
		CT5009H	PA6	V2	130	750°C noflame		
		CT5009Z	PA66	V0	140	750°C noflame		
	10	CT5010	PA66	V2	130	---	---	1.000
		CT5010V0	PA66	V0	140	---		
		CT5010H	PA6	V2	130	750°C noflame		
		CT5010Z	PA66	V0	140	750°C noflame		
	11	CT5011	PA66	V2	130	---	---	1.000
		CT5011V0	PA66	V0	140	---		
		CT5011H	PA6	V2	130	750°C noflame		
		CT5011Z	PA66	V0	140	750°C noflame		
	12	CT5012	PA66	V2	130	---	---	1.000
		CT5012V0	PA66	V0	140	---		
		CT5012H	PA6	V2	130	750°C noflame		
		CT5012Z	PA66	V0	140	750°C noflame		

Le dimensioni sono in millimetri, salvo diversamente specificato.
Dimensions are in millimeters unless otherwise specified.
REV. 2025-1

Le quote dimensionali riportate sono solo di riferimento. Le specifiche sono soggette a cambiamenti. Dimensions are shown for reference purposes only. Specifications are subject to change.

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				
	30,2mm	FM638131	0,25-0,50	24-20	Ottone-Brass	---		3 x 4.000
	30,2mm	FM638132	0,25-0,50	24-20	Ottone-Brass	Pre-stagnato / Pretinned		3 x 4.000
	30,0mm	FM638231	0,50-1,00	20-18	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638232	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500
	30,0mm	FM638531	0,75-2,50	18-14	Ottone-Brass	---		3 x 3.500
	30,0mm	FM638532	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500
Terminale con foro / terminal with hole								
	30,2mm	FMF638131	0,25-0,50	24-20	Ottone-Brass	---		3 x 4.000
	30,2mm	FMF638132	0,25-0,50	24-20	Ottone-Brass	Pre-stagnato / Pretinned		3 x 4.000
	30,0mm	FMF638231	0,50-1,00	20-18	Ottone-Brass	---	---	3 x 4.000
	30,0mm	FMF638232	0,50-1,00	20-18	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 4.000
	30,0mm	FMF638531	0,75-2,50	18-14	Ottone-Brass	---	---	3 x 3.500
	30,0mm	FMF638532	0,75-2,50	18-14	Ottone-Brass	Pre-stagnato / Pretinned	---	3 x 3.500
	30,0mm	FMF638632	3,00-6,00	14-10	Ottone-Brass	---		3 x 3.500
	30,0mm	FMF638632	3,00-6,00	14-10	Ottone-Brass	Pre-stagnato / Pretinned		3 x 3.500

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		