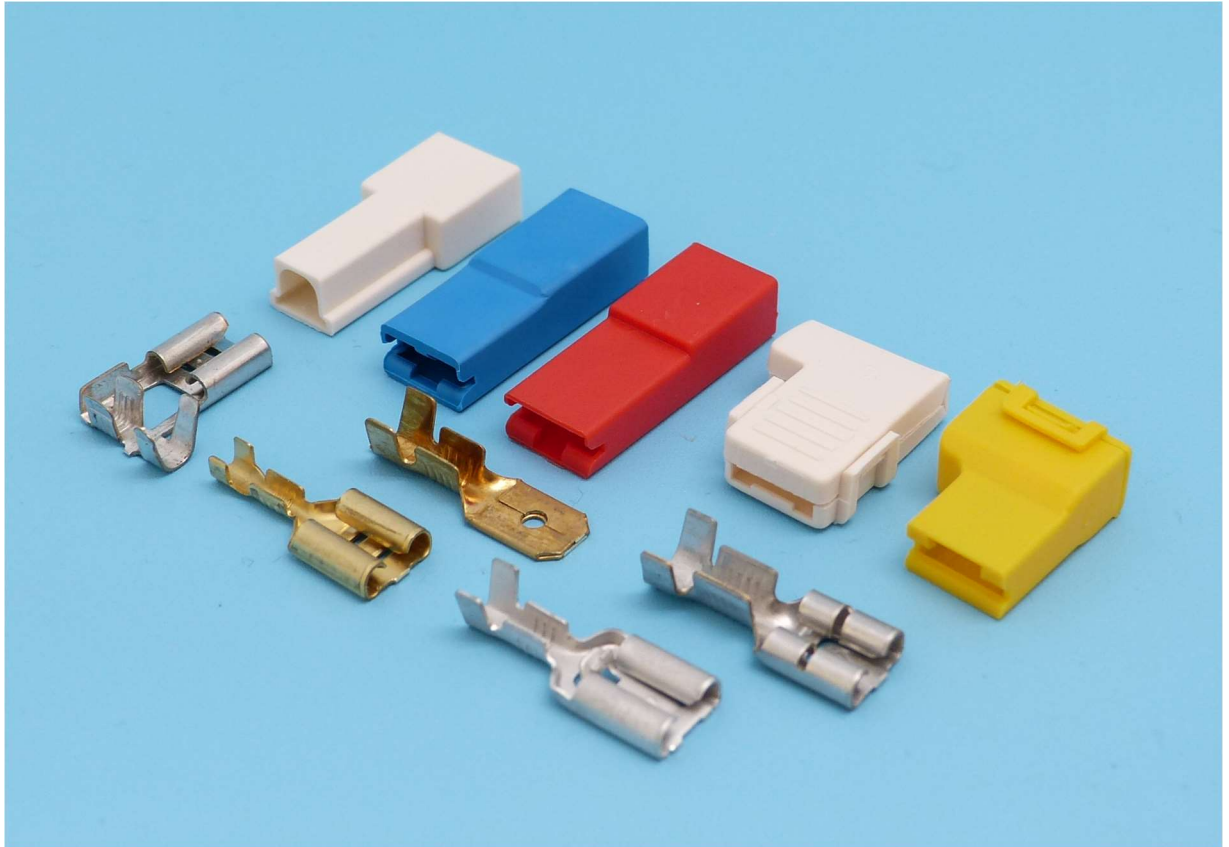




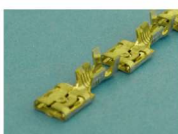
6,3 series

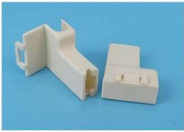
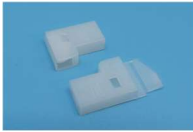
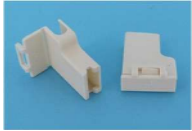
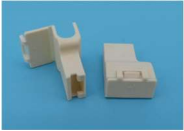
Quick Connect Terminals and Connectors

DESCRIZIONE / Overview

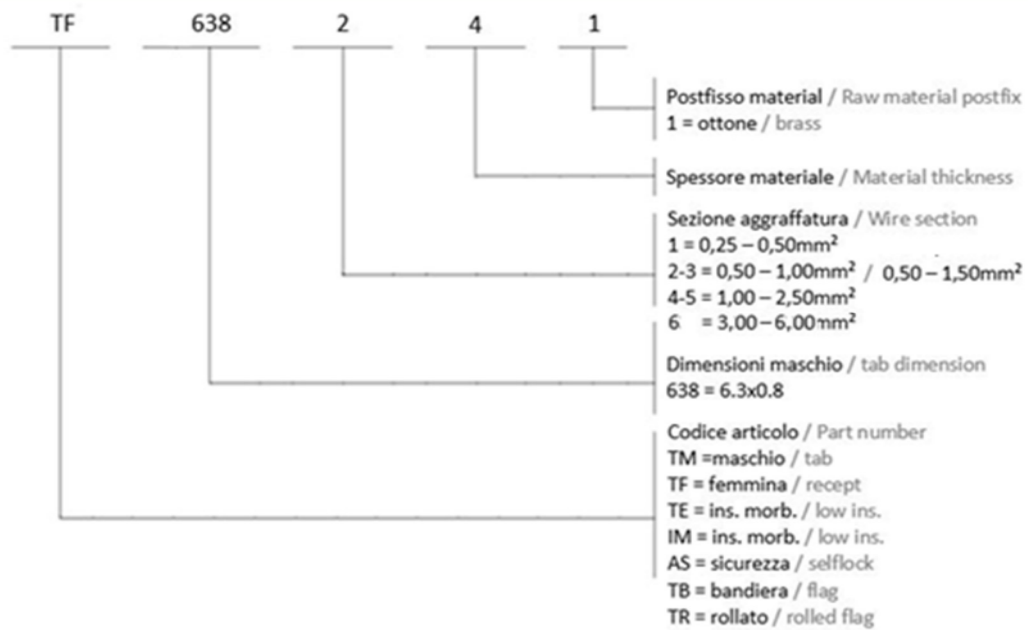
La connessione consiste in connettori maschio e femmina volanti che si possono accoppiare a terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 6,3mm. Tutti i connettori sono disponibili in materiale PA66 UL94-V2, 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.

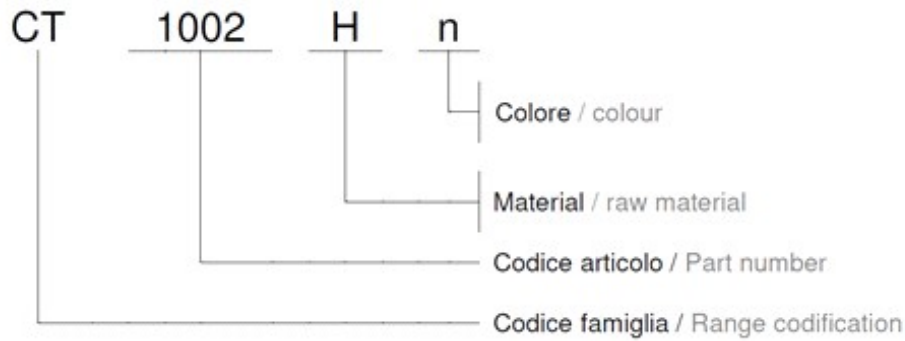
Standard	TF63	CT1002	CT2002B	CT2002F	CT1001N
6,3 x 0.8					
Low insertion force	OL63	CT1002	CT2002B	CT2002F	CT1001N
6,3 x 0.8					
Low ins. force	TE63	CT2002E	CT2004		
6,3 x 0.8					
Self locking	AS63	CT2002S	CT2003	CT2003S	
6,3 x 0.8					
Female/Male	PB63	CT1001B			
6,3 x 0.8					
Male	TM63	CT1003N	CT1103N	CT1003M	CT1003PE
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			
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 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	0,25-6.00 mm ² / 24-10 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



RFWV.E326092

RFWV2.E326092

AUTOCERTIFICAZIONI / Product Certification



RoHS

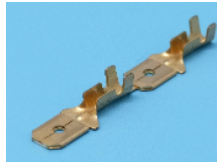
REACH

CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm²	AWG				
6,3x0,8 DIN								
	21.4mm	TM638231	0,50-1,50	20-16	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	18-14	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	CT1003PE	PE	V2	65	---	---	20.000
		CT1003PE1	PE NERO	V2	65	---		
		---	---	---	---	---		
		---	---	---	---	---		

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	20-16	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	18-14	Ottone-Brass	---		3 x 6.000
	21.2mm	TM638532S			Ottone-Brass	Prestagnato Pretinned		3 x 6.000

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	CT1003PE	PE	V2	65	---	---	20.000
		CT1003PE1	PE NERO	V2	65	---		
		---	---	---	---	---		
		---	---	---	---	---		

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	0,25-0,50	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	20-18	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	20-18	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		
	21.4mm	TF638441	1,00-2,50	18-14	Ottone-Brass	---		3 x 5.000
	21.4mm	TF638442			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	TF638445			Ferro /Steel	---		
	21.7mm	TF638541	1,00-2,50	18-14	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 5.000
	21.4mm	TF638642			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	TF638645			Ferro /Steel	Acciaio Nichelato Nichel 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	---		

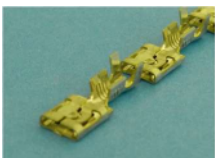
CONNETTORE INSERIMENTO MORBIDO / Low insertion force connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	21.3mm	OL638241	0,50-1,50	20-16	Ottone-Brass	---		3 x 5.000
	21.3mm	OL638242			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	OL638541	1,00-2,50	18-14	Ottone-Brass	---		3 x 5.000
	21.4mm	OL638542			Ottone-Brass	Prestagnato /Pretinned		3 x 5.000

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		
		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	0,50-1,50	20-16	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	18-14	Ottone-Brass	---	---	3 x 5.000
	21.4mm	TE638542			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000

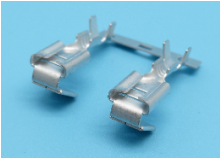
DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	ribassato	CT2002E	PA66	V2	130	---		20.000
		CT2002EV0	PA66	V0	140	---		
		CT2002EH	PA6	V2	130	750°C noflame		
		CT2002EZ	PA66	V0	140	750°C noflame		
		CT2002EV	PA46	V2	150	---		
	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	20-18	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	18-14	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	---		
		CT2003S	PA66	V2	130	---		20.000
		CT2003SV0	PA66	V0	140	---		
		CT2003SH	PA6	V2	130	750°C noflame		
		CT2003SZ	PA66	V0	140	750°C noflame		
		CT2003SV	PA46	V2	150	---		

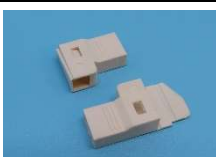
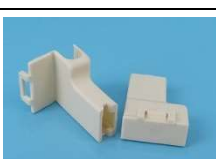
CONNETTORE FEMMINA CON MASCHIO / Female with male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	15.8mm	PB638241	0,35-1,0	22-18	Ottone-Brass	---		5 x 1.000
	15.8mm	PB638242	0,35-1,0	22-18	Ottone-Brass	Stagnato /Tin plated		5 x 1.000
	15.8mm	PB638541	1,0-2,5	18-14	Ottone-Brass	---		5 x 1.000
	15.8mm	PB638542	1,0-2,5	18-14	Ottone-Brass	Stagnato /Tin plated		5 x 1.000

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	posteriore	CT1001B	PA66	V2	130	---	---	20.000
		CT1001BV0	PA66	V0	140	---		
		CT1001BH	PA6	V2	130	750°C noflame		
		CT1001BZ	PA66	V0	140	750°C noflame		

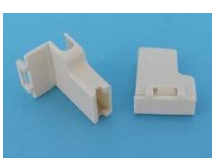
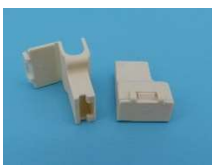
CONNETTORE BANDIERA / Flag connector

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	20.8mm	TB638141	0,25-0,50	24-20	Ottone-Brass	---		3 x 4.000
	20.8mm	TB638142			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	20.8mm	TB638241	0,50-1,00	20-18	Ottone-Brass	---		3 x 4.000
	20.8mm	TB638242			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	20.8mm	TB638541	1,00-2,50 (1,00+1,00)	18-14	Ottone-Brass	---		3 x 4.000
	20.8mm	TB638542			Ottone-Brass	Pre-Stagnato Pre-Tin		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		

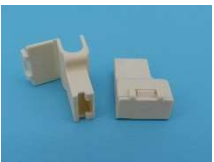
CONNETTORE BANDIERA ROLLATO / Rolled flag connector

DESCRIZIONE* Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	19.0mm	TR638341	0,50-1,50	20-16	Ottone-Brass	---		3 x 2.000
	19.0mm	TR638342			Ottone-Brass	Stagnato /Tin plated		3 x 2.000
	19.0mm	TR638441	0,50-1,50	20-16	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	18-14	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 without 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 AD 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				
	17.5mm	IMR638441	0,50-1,50	20-16	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	18-14	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	---		10.000
		CT1007DV0	PA66	V0	140	---		
		CT1007DH	PA6	V2	130	750°C noflame		
		CT1007DZ	PA66	V0	140	750°C noflame		