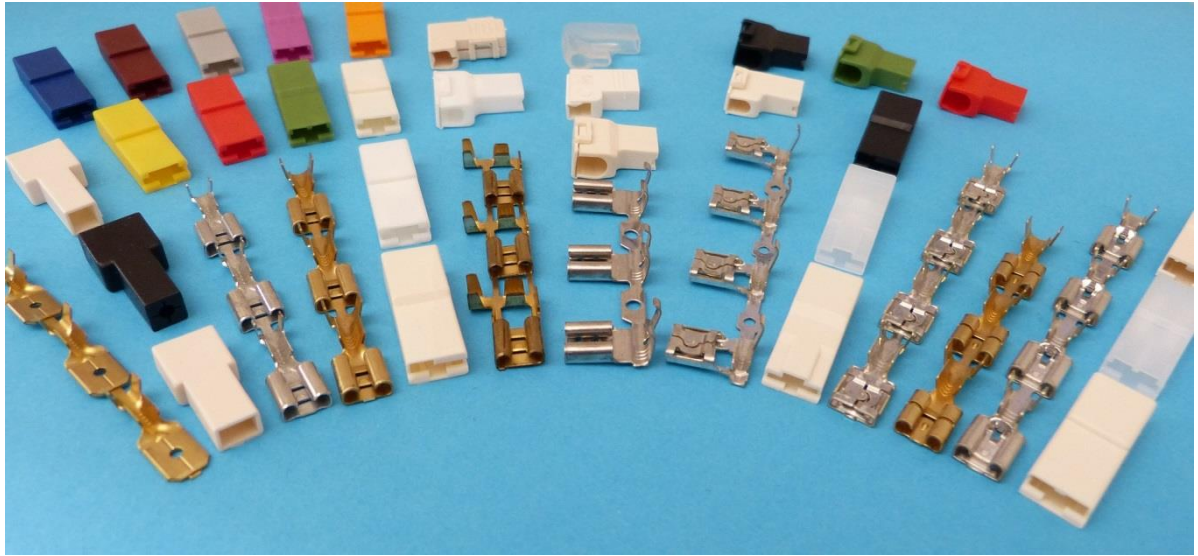


6,3 series





## 6,3 series




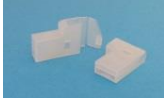




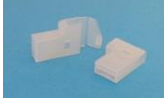







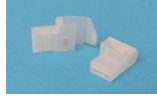
### Quick Connect Terminals and Connectors

DESCRIZIONE / Overview

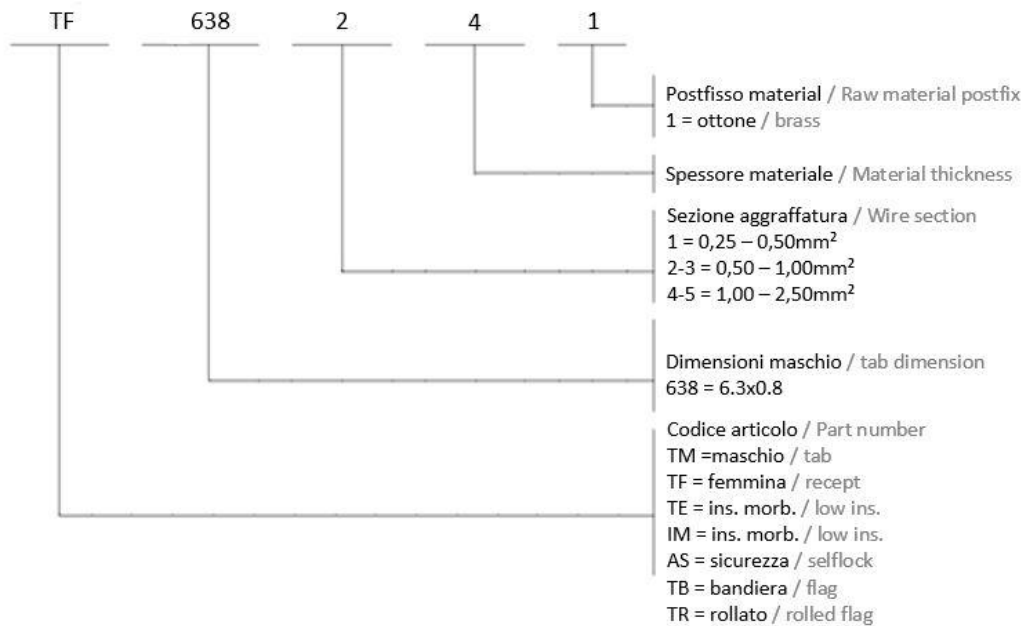
La connessione consiste in connettori maschio e femmina volanti che si possono accoppiare a terminali a crimpare maschio o femmina. Questa serie di connessioni prende il nome dalla dimensione del contatto maschio che ha una larghezza nominale di 6,3mm. Tutti i connettori sono disponibili in materiale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

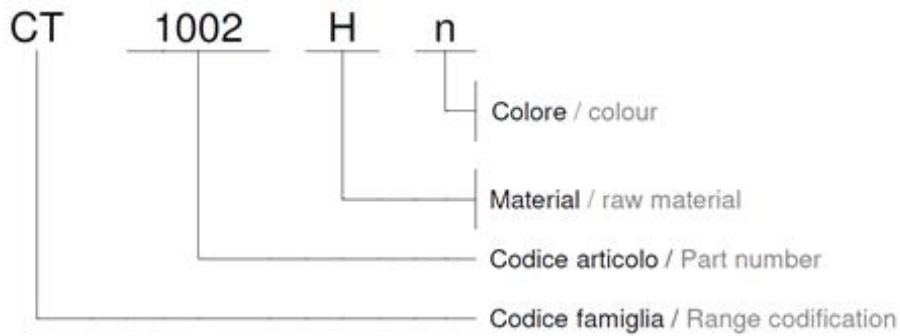
Standard	TF63	CT1002	CT2002B	CT2002F	CT1001N
6,3 x 0.8					
Low insertion force	IM63	CT1002	CT2002B	CT2002F	CT1001N
6,3 x 0.8					
Low ins.force	TE63	CT2002E	CT2004		
6,3 x 0.8					
Self locking	AS63	CT2002S	CT2003	CT2003S	
6,3 x 0.8					
Female/Male	PB63	CT1001N	CT1001M		
6,3 x 0.8					
Male	TM63	CT1003N	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	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 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 <sup>2</sup> / 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  
RFVV.E326092  
RFVV2.E326092


## AUTOCERTIFICAZIONI / Product Certification



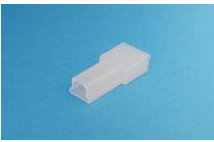






**RoHS**


**REACH**



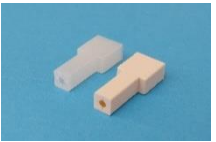


CONNETTORE MASCHIO / Male connection

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm <sup>2</sup>	AWG				
6,3x0,8 DIN								
	21.4mm	<b>TM638231</b>	0,50-1,50	20-15	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>TM638231</b>			Ottone-Brass	Stagnato Tin plated		3 x 5.000
	21.4mm	<b>TM638531</b>	1,00-2,50	16-14	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>TM638532</b>			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	<b>CT1003N</b>	PA66	V2	130	---		20.000
		<b>CT1003NV0</b>	PA66	V0	140	---		
		<b>CT1003NH</b>	PA6	V2	130	750°C noflame		
		<b>CT1003NZ</b>	PA66	V0	140	750°C noflame		
	frontale	<b>CT1003M</b>	PA66	V2	130	---		20.000
		<b>CT1003MV0</b>	PA66	V0	140	---		
		<b>CT1003MH</b>	PA6	V2	130	750°C noflame		
		<b>CT1003MZ</b>	PA66	V0	140	750°C noflame		
	posteriore	<b>CT1103N</b>	PA66	V2	130	---		20.000
		<b>CT1103NV0</b>	PA66	V0	140	---		
		<b>CT1103NH</b>	PA6	V2	130	750°C noflame		
		<b>CT1103NZ</b>	PA66	V0	140	750°C noflame		
	posteriore	<b>PE</b>	V2	65	---	PE	---	20.000
		<b>PE NERO</b>	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 <sup>2</sup>	AWG				
6,3x0,8 DIN con stop								
	21.2mm	<b>TM638231S</b>	0,50-1,50	20-16	Ottone-Brass	---	---	3 x 5.000
	21.2mm	<b>TM638232S</b>			Ottone-Brass	Stagnato Tin plated		3 x 5.000
	21.2mm	<b>TM638531S</b>	1,00-2,50	16-14	Ottone-Brass	---	---	3 x 5.000
	21.2mm	<b>TM638532S</b>			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	<b>CT1003N</b>	PA66	V2	130	---		20.000
		<b>CT1003NV0</b>	PA66	V0	140	---		
		<b>CT1003NH</b>	PA6	V2	130	750°C noflame		
		<b>CT1003NZ</b>	PA66	V0	140	750°C noflame		
	posteriore	<b>CT1103N</b>	PA66	V2	130	---		20.000
		<b>CT1103NV0</b>	PA66	V0	140	---		
		<b>CT1103NH</b>	PA6	V2	130	750°C noflame		
		<b>CT1103NZ</b>	PA66	V0	140	750°C noflame		
	posteriore	<b>PE</b>	V2	65	---	PE	---	20.000
		<b>PE NERO</b>	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 <sup>2</sup>	AWG				
6,3x0,8 DIN								
	21.4mm	<b>TF638141</b>	0,20-0,50	24-20	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>TF638142</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.7mm	<b>TF638241</b>	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.7mm	<b>TF638242</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	<b>TF638341</b>	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>TF638342</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	<b>TF638345</b>			Ferro /Steel	Nichelato /Nicked		3 x 5.000
	21.4mm	<b>TF638441</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>TF638442</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	<b>TF638445</b>			Ferro /Steel	---		3 x 5.000
	21.7mm	<b>TF638541</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.7mm	<b>TF638542</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.4mm	<b>TF638641</b>	3,0-6,0	12-10	Ottone-Brass	---		3 x 4.000
	21.4mm	<b>TF638642</b>			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	21.4mm	<b>TF638645</b>			Ferro /Steel	Acciaio Nichelato Niclel 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	<b>CT1001N</b>	PA66	V2	130	---		20.000
		<b>CT1001NV0</b>	PA66	V0	140	---		
		<b>CT1001NH</b>	PA6	V2	130	750°C noflame		
		<b>CT100NZ</b>	PA66	V0	140	750°C noflame		
	posteriore	<b>CT1001PE</b>	PE	V2	65	---	---	20.000
		<b>CT1001PE1</b>	PE NERO	V2	65	---		







DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	corto	<b>CT1002</b>	PA66	V2	130	---		20.000
		<b>CT1002V0</b>	PA66	V0	140	---		
		<b>CT1002H</b>	PA6	V2	130	750°C noflame		
		<b>CT1002Z</b>	PA66	V0	140	750°C noflame		
		<b>CT2002B</b>	PA66	V2	130	---		20.000
		<b>CT2002BV0</b>	PA66	V0	140	---		
		<b>CT2002BH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002BZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002BV</b>	PA46	V2	150	---		
		<b>CT2002F</b>	PA66	V2	130	---		20.000
		<b>CT2002FV0</b>	PA66	V0	140	---		
		<b>CT2002FH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002FZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002FV</b>	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 <sup>2</sup>	AWG				
	21.3mm	<b>OL638241</b>	0,50-1,50	20-16	Ottone-Brass	---		3 x 5.000
	21.3mm	<b>OL638242</b>			Ottone-Brass	Stagnato /Tin plated		
	21.4mm	<b>OL638541</b>	1,00-2,50	18-14	Ottone-Brass	---		3 x 5.000
	21.4mm	<b>OL638542</b>			Ottone-Brass	Prestagnato /Pretinned		

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




DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	corto	<b>CT1002</b>	PA66	V2	130	---		20.000
		<b>CT1002V0</b>	PA66	V0	140	---		
		<b>CT1002H</b>	PA6	V2	130	750°C noflame		
		<b>CT1002Z</b>	PA66	V0	140	750°C noflame		
		<b>CT2002B</b>	PA66	V2	130	---		20.000
		<b>CT2002BV0</b>	PA66	V0	140	---		
		<b>CT2002BH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002BZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002BV</b>	PA46	V2	150	---		
		<b>CT2002F</b>	PA66	V2	130	---		20.000
		<b>CT2002FV0</b>	PA66	V0	140	---		
		<b>CT2002FH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002FZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002FV</b>	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 <sup>2</sup>	AWG				
	21.4mm	<b>TE638241</b>	0,50-1,00	20-17	Ottone-Brass	---	---	3 x 5.000
	21.4mm	<b>TE638242</b>			Ottone-Brass	Stagnato /Tin plated	---	3 x 5.000
	21.4mm	<b>TE638541</b>	1,00-2,50	17-13	Ottone-Brass	---	---	3 x 5.000
	21.4mm	<b>TE638542</b>			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	<b>CT2002E</b>	PA66	V2	130	---		20.000
		<b>CT2002EVO</b>	PA66	V0	140	---		
		<b>CT2002EH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002EZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002EV</b>	PA46	V2	150	---		
	ribassato	<b>CT2004</b>	PA66	V2	130	---		20.000
		<b>CT2004VO</b>	PA66	V0	140	---		
		<b>CT2004H</b>	PA6	V2	130	750°C noflame		
		<b>CT2004Z</b>	PA66	V0	140	750°C noflame		
		<b>CT2004V</b>	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 <sup>2</sup>	AWG				
	21.6mm	<b>AS638241</b>	0,50-1,00	20-15	Ottone-Brass	---		3 x 5.000
	21.6mm	<b>AS638242</b>			Ottone-Brass	Stagnato /Tin plated		3 x 5.000
	21.6mm	<b>AS638541</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 5.000
	21.6mm	<b>AS638542</b>			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	<b>CT2002S</b>	PA66	V2	130	---		20.000
		<b>CT2002SV0</b>	PA66	V0	140	---		
		<b>CT2002SH</b>	PA6	V2	130	750°C noflame		
		<b>CT2002SZ</b>	PA66	V0	140	750°C noflame		
		<b>CT2002SV</b>	PA46	V2	150	---		
		<b>CT2003</b>	PA66	V2	130	---		20.000
		<b>CT2003V0</b>	PA66	V0	140	---		
		<b>CT2003H</b>	PA6	V2	130	750°C noflame		
		<b>CT2003Z</b>	PA66	V0	140	750°C noflame		
		<b>CT2003V</b>	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 <sup>2</sup>	AWG				
	20.3mm	<b>PB638541</b>	0,75-2,00	18-14	Ottone-Brass	---		5 x 2.000
	20.3mm	<b>PB638542</b>			Ottone-Brass	Stagnato /Tin plated		




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



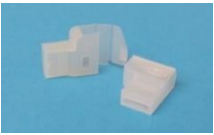







CONNETTORE BANDIERA / Flag connector

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm <sup>2</sup>	AWG				
	20.8mm	<b>TB638241</b>	0,50-1,00	20-17	Ottone-Brass	---		3 x 4.000
	20.8mm	<b>TB638242</b>			Ottone-Brass	Pre-Stagnato Pre-Tin		3 x 4.000
	20.8mm	<b>TB638141</b>	0,25-0,50	24-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	20.8mm	<b>TB638142</b>	0,25-0,50	24-20	Ottone-Brass	Stagnato /Tin plated	---	3 x 4.000
	20.7mm	<b>TB638441</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 4.000
	20.7mm	<b>TB638442</b>			Ottone-Brass	Stagnato /Tin plated		3 x 4.000
	20.8mm	<b>TB638541</b>	1,00-2,50 (1,00+1,00)	17-13	Ottone-Brass	---	---	3 x 4.000
	20.8mm	<b>TB638542</b>			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		
		<b>CT1005</b>	PA66	V2	130	---		10.000
		<b>CT1005V0</b>	PA66	V0	140	---		
		<b>CT1005H</b>	PA6	V2	130	750°C noflame		
		<b>CT1005Z</b>	PA66	V0	140	750°C noflame		
		<b>CT1006A</b>	PA66	V2	130	---		10.000
		<b>CT1006AV0</b>	PA66	V0	140	---		
		<b>CT1006AH</b>	PA6	V2	130	750°C noflame		
		<b>CT1006AZ</b>	PA66	V0	140	750°C noflame		
		<b>CT1006B</b>	PA66	V2	130	---		10.000
		<b>CT1006BV0</b>	PA66	V0	140	---		
		<b>CT1006BH</b>	PA6	V2	130	750°C noflame		
		<b>CT1006BZ</b>	PA66	V0	140	750°C noflame		
		<b>CT1007B</b>	PA66	V2	130	---		10.000
		<b>CT1007BV0</b>	PA66	V0	140	---		
		<b>CT1007BH</b>	PA6	V2	130	750°C noflame		
		<b>CT1007BZ</b>	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 <sup>2</sup>	AWG				
	19.0mm	<b>TR638441</b>	0,50-1,50	20-14	Ottone-Brass	---		3 x 2.000
	19.0mm	<b>TR638442</b>			Ottone-Brass	Stagnato /Tin plated		
	19.0mm	<b>TR638541</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 2.000
	19.0mm	<b>TR638542</b>			Ottone-Brass	Stagnato /Tin plated		

DESCRIZIONE Description	Note Note	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
		<b>CT1006C</b>	PA66	V2	130	---		10.000
		<b>CT1006CV0</b>	PA66	V0	140	---		
		<b>CT1006CH</b>	PA6	V2	130	750°C noflame		
		<b>CT1006CZ</b>	PA66	V0	140	750°C noflame		
		<b>CT1006D</b>	PA66	V2	130	---		10.000
		<b>CT1006DV0</b>	PA66	V0	140	---		
		<b>CT1006DH</b>	PA6	V2	130	750°C noflame		
		<b>CT1006DZ</b>	PA66	V0	140	750°C noflame		
		<b>CT1007C</b>	PA66	V2	130	---		10.000
		<b>CT1007CV0</b>	PA66	V0	140	---		
		<b>CT1007CH</b>	PA6	V2	130	750°C noflame		
		<b>CT1007CZ</b>	PA66	V0	140	750°C noflame		
		<b>CT1007D</b>	PA66	V2	130	---		10.000
		<b>CT1007DV0</b>	PA66	V0	140	---		
		<b>CT1007DH</b>	PA6	V2	130	750°C noflame		
		<b>CT1007DZ</b>	PA66	V0	140	750°C noflame		
	Senza gancio interno No inner lock	<b>CT1107D</b>	PA66	V2	130	---		10.000
		<b>CT1107DV0</b>	PA66	V0	140	---		
		<b>CT1107DH</b>	PA6	V2	130	750°C noflame		
		<b>CT1117DZ</b>	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 <sup>2</sup>	AWG				
	17.5mm	<b>IMR638441</b>	0,50-1,50	20-15	Ottone-Brass	---		3 x 2.000
	17.5mm	<b>IMR638442</b>			Ottone-Brass	Stagnato /Tin plated		3 x 2.000
	17.5mm	<b>IMR638541</b>	1,00-2,50	17-13	Ottone-Brass	---		3 x 2.000
	17.5mm	<b>IMR638542</b>			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		
		<b>CT1007D</b>	PA66	V2	130	---		20.000
		<b>CT1007DV0</b>	PA66	V0	140	---		
		<b>CT1007DH</b>	PA6	V2	130	750°C noflame		
		<b>CT1007DZ</b>	PA66	V0	140	750°C noflame		