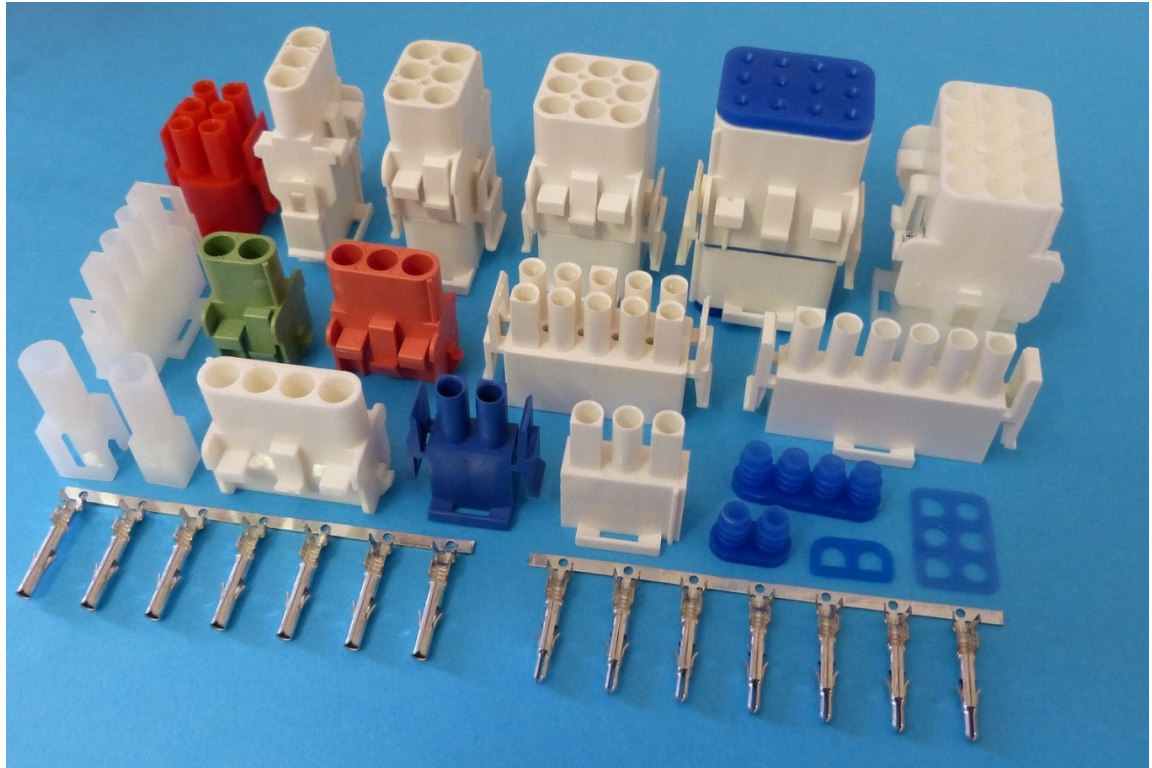


CR6 series



CR6 series

Wire-to-wire Connectors

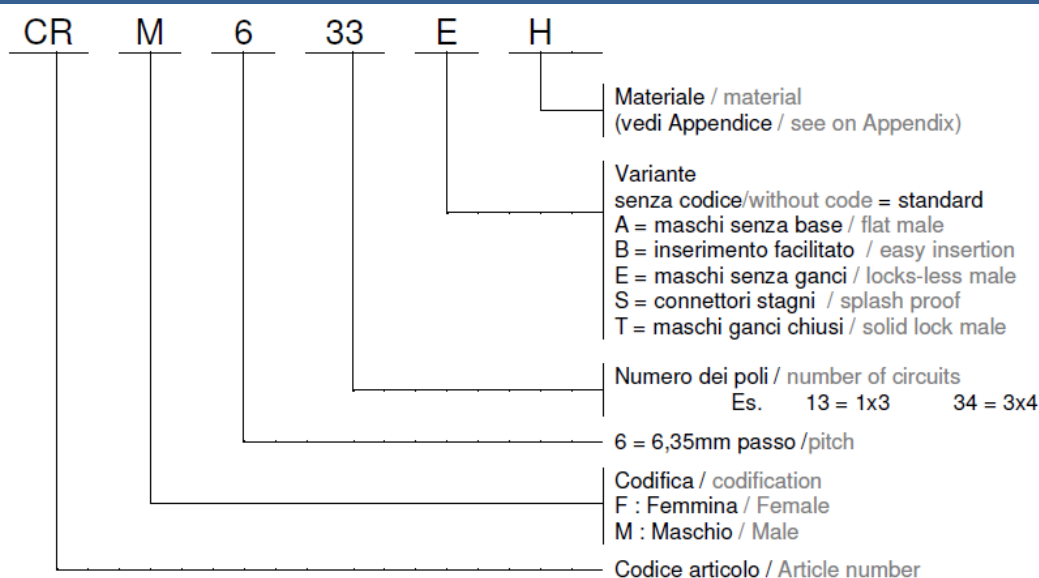
Passo 6.35mm
Pitch 6.35mm

DESCRIZIONE / Description

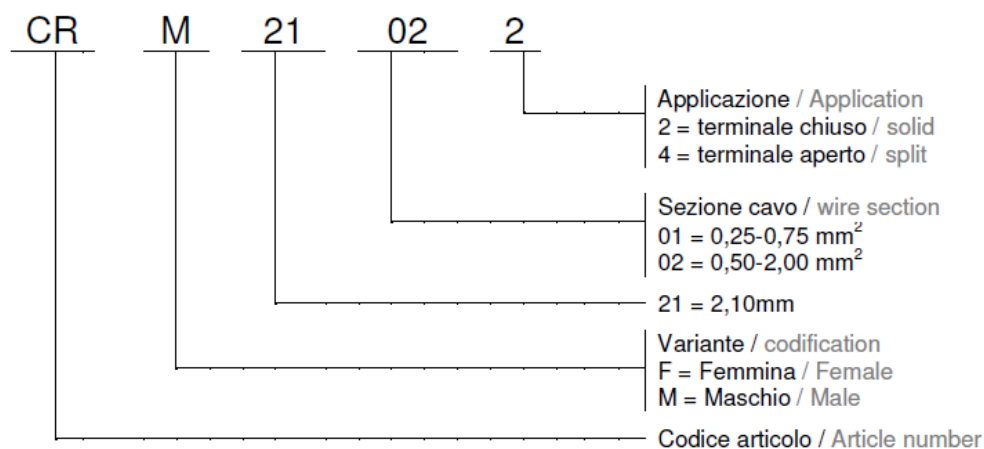
La famiglia di connettori passo 6,35mm ha un sistema di polarizzazione, un sistema di accoppiamento con ganci per evitare lo sgancio accidentale e può essere resa impermeabile con l'utilizzo delle apposite guarnizioni in silicone. Inoltre i connettori femmina possono essere montati a pannello. Utilizzabili 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.

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.

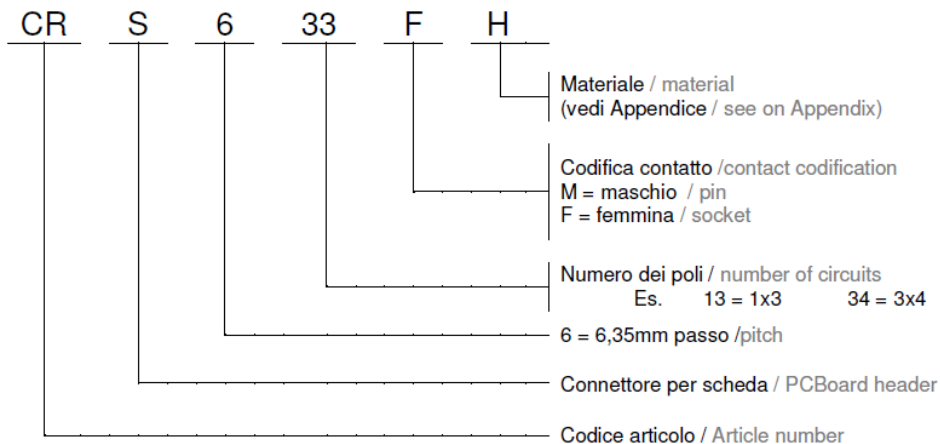
CONNETTORI - IDENTIFICAZIONE / Housings Name and Part Number



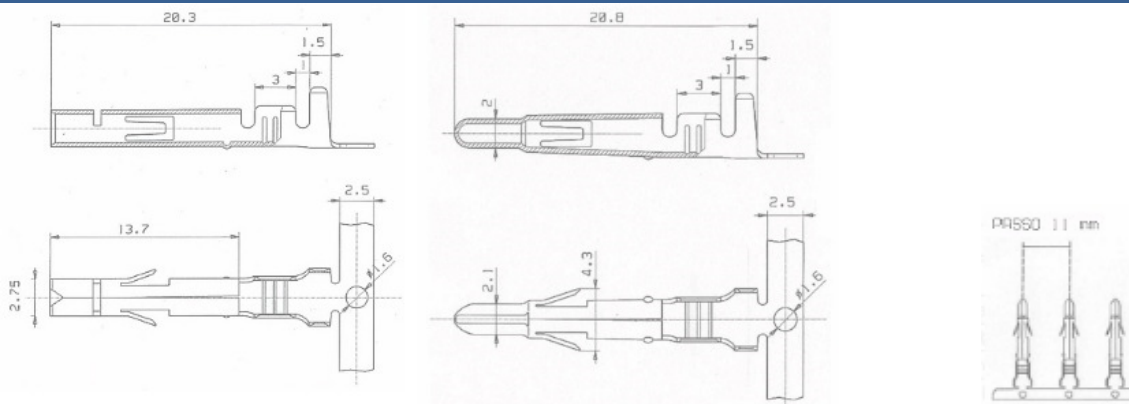
TERMINALI - IDENTIFICAZIONE / Housings Name and Part Number



CONNETTORI PER SCHEDA - IDENTIFICAZIONE / Housing Name and Part Number

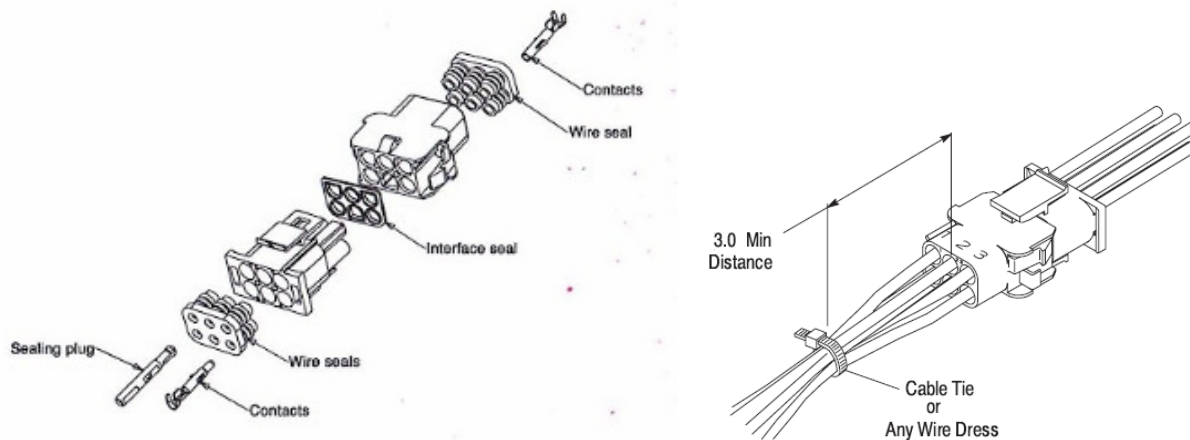


DIMENSIONI / Dimensions



CONNESSIONE / Connector Assembly

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. 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.



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

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.

CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66V2 , PA66V0 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

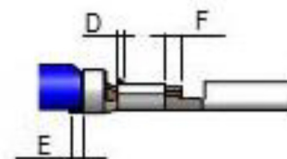
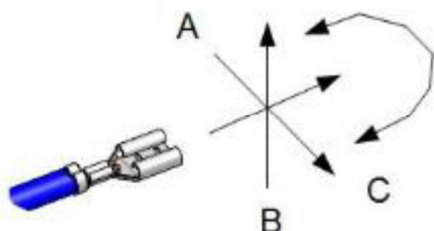
NORME di riferimento/ Norms and Standards

Direttive Europee	2014/35/UE "Direttiva Bassa Tensione" 2014/30/UE "Direttiva Compatibilità Elettromagnetica"	
Norme armonizzate	CEI EN 61210	CEI EN 60335-1
	CEI EN 61984	CEI EN 60695-2-11
	CEI EN 61995	CEI EN 60695-11-10

CERTIFICAZIONE su prodotto / Product certification

	File ECCT2.E304173
	File ECBT2.E490437 , ECBT8.E490437

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



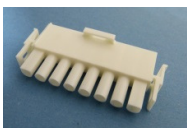

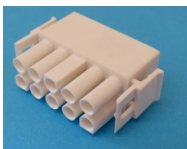
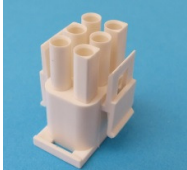







A - Inclinazione orizzontale max	3°
B - Inclinazione vertical max	3°
C - Torsione max	3°
D - Bell mouth	0,2-0,5 mm
E - Testimone taglio massimo / Cut-off Tab length	0,5 mm
F - Sporgenza cavo minimo / Extruded wire length	0,5 mm

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

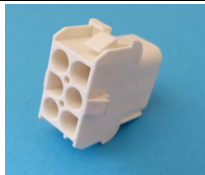

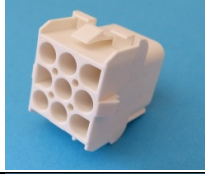

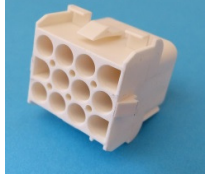

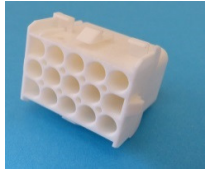

CONNESSIONE MASCHIO / Male connection

CODICE Code	DESCRIZIONE Description	Sezione section	MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package	
CRF21022 femmina aperta split socket		0,50-2,00 mm ² 20-14 awg	Ottone Brass	Stagnato Tin plated		5 x 4.000	
CRF21024 femmina chiusa solid socket		0,50-2,00 mm ² 20-14 awg	Ottone Brass	Stagnato Tin plated		5 x 4.000	
CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material			CERTIFICATI Approvals	CONF.NE Package
			UL94	RTI	GWT		
CRM611		1	PA66	V2	130	---	---
CRM611V0			PA66	V0	140	---	
CRM611H			PA6	V2	130	750°C noflame	
CRM611Z			PA66	V0	140	750°C noflame	
CRM612		1x2	PA66	V2	130	---	
CRM612V0			PA66	V0	140	---	
CRM612H			PA6	V2	130	750°C noflame	
CRM612Z			PA66	V0	140	750°C noflame	
CRM613		1x3	PA66	V2	130	---	
CRM613V0			PA66	V0	140	---	
CRM613H			PA6	V2	130	750°C noflame	
CRM613Z			PA66	V0	140	750°C noflame	
CRM614		1x4	PA66	V2	130	---	
CRM614V0			PA66	V0	140	---	
CRM614H			PA6	V2	130	750°C noflame	
CRM614Z			PA66	V0	140	750°C noflame	
CRM615		1x5	PA66	V2	130	---	
CRM615V0			PA66	V0	140	---	
CRM615H			PA6	V2	130	750°C noflame	
CRM615Z			PA66	V0	140	750°C noflame	
CRM616		1x6	PA66	V2	130	---	
CRM616V0			PA66	V0	140	---	
CRM616H			PA6	V2	130	750°C noflame	
CRM616Z			PA66	V0	140	750°C noflame	

CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material				CERTIFICATI Approvals	CONF.NE Package
			UL94	RTI	GWT			
CRM618		1x8	PA66	V2	130	---		2.000
CRM618V0			PA66	V0	140	---		
CRM618H			PA6	V2	130	750°C noflame		
CRM618Z			PA66	V0	140	750°C noflame		
CRM625		2x5	PA66	V2	130	---	---	2.000
CRM625V0			PA66	V0	140	---		
CRM625H			PA6	V2	130	750°C noflame		
CRM625Z			PA66	V0	140	750°C noflame		
CRM623		3x2	PA66	V2	130	---		2.000
CRM623V0			PA66	V0	140	---		
CRM623H			PA6	V2	130	750°C noflame		
CRM623Z			PA66	V0	140	750°C noflame		
CRM633		3x3	PA66	V2	130	---		2.000
CRM633V0			PA66	V0	140	---		
CRM633H			PA6	V2	130	750°C noflame		
CRM633Z			PA66	V0	140	750°C noflame		
CRM634		3x4	PA66	V2	130	---		2.000
CRM634V0			PA66	V0	140	---		
CRM634H			PA6	V2	130	750°C noflame		
CRM634Z			PA66	V0	140	750°C noflame		
CRM635		3x5	PA66	V2	130	---		2.000
CRM635V0			PA66	V0	140	---		
CRM635H			PA6	V2	130	750°C noflame		
CRM635Z			PA66	V0	140	750°C noflame		

CONNESSIONE FEMMINA / Female connection

CODICE Code	DESCRIZIONE Description	Sezione section	MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package	
CRM21022 maschio apert split socket		0,50-2,00 mm ² 20-14 awg	Ottone Brass	Stagnato Tin plated		5 x 4.000	
CRM21024 maschio chiuso solid socket		0,50-2,00 mm ² 20-14 awg	Ottone Brass	Stagnato Tin plated		5 x 4.000	
CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material			CERTIFICATI Approvals	CONF.NE Package
			UL94	RTI	GWT		
CRF611		1	PA66	V2	130	---	---
CRF611V0			PA66	V0	140	---	
CRF611H			PA6	V2	130	750°C noflame	
CRF611Z			PA66	V0	140	750°C noflame	
CRF612		1x2	PA66	V2	130	---	
CRF612V0			PA66	V0	140	---	
CRF612H			PA6	V2	130	750°C noflame	
CRF612Z			PA66	V0	140	750°C noflame	
CRF613		1x3	PA66	V2	130	---	
CRF613V0			PA66	V0	140	---	
CRF613H			PA6	V2	130	750°C noflame	
CRF613Z			PA66	V0	140	750°C noflame	
CRF614		1x4	PA66	V2	130	---	
CRF614V0			PA66	V0	140	---	
CRF614H			PA6	V2	130	750°C noflame	
CRF614Z			PA66	V0	140	750°C noflame	
CRF615		1x5	PA66	V2	130	---	
CRF615V0			PA66	V0	140	---	
CRF615H			PA6	V2	130	750°C noflame	
CRF615Z			PA66	V0	140	750°C noflame	
CRF616		1x6	PA66	V2	130	---	
CRF616V0			PA66	V0	140	---	
CRF616H			PA6	V2	130	750°C noflame	
CRF616Z			PA66	V0	140	750°C noflame	

CODICE Code	DESCRIZIONE Description	N. vie N. positions	MATERIALE / Material			CERTIFICATI Approvals	CONF.NE Package	
			UL94	RTI	GWT			
CRF623		3x2	PA66	V2	130	---		2.000
CRF623V0			PA66	V0	140	---		
CRF623H			PA6	V2	130	750°C noflame		
CRF623Z			PA66	V0	140	750°C noflame		
CRF633		3x3	PA66	V2	130	---		2.000
CRF633V0			PA66	V0	140	---		
CRF633H			PA6	V2	130	750°C noflame		
CRF633Z			PA66	V0	140	750°C noflame		
CRF634		3x4	PA66	V2	130	---		2.000
CRF634V0			PA66	V0	140	---		
CRF634H			PA6	V2	130	750°C noflame		
CRF634Z			PA66	V0	140	750°C noflame		
CRF635		3x5	PA66	V2	130	---		2.000
CRF635V0			PA66	V0	140	---		
CRF635H			PA6	V2	130	750°C noflame		
CRF635Z			PA66	V0	140	750°C noflame		