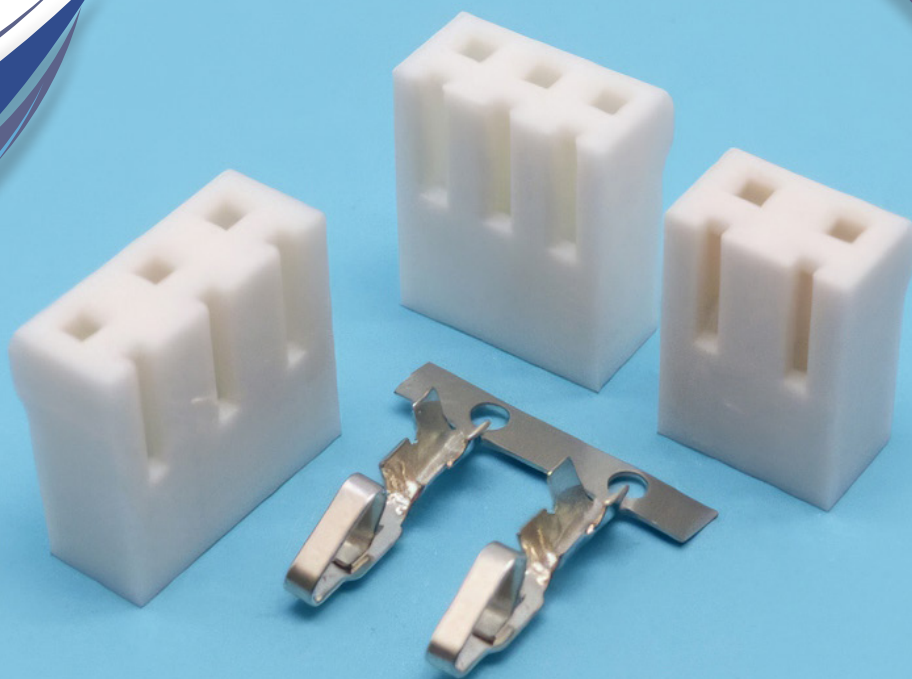


CTK series



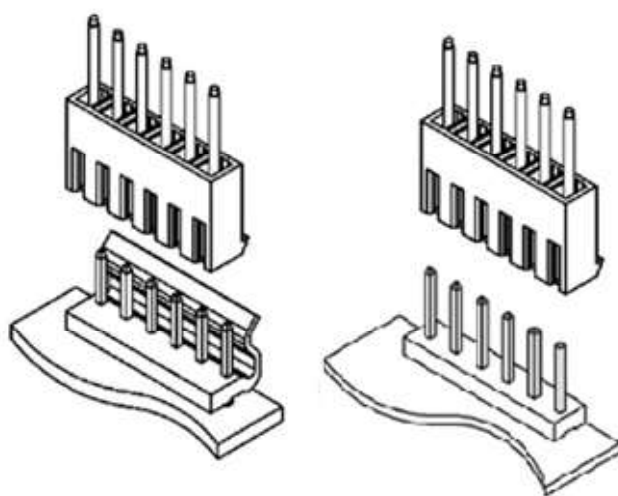
CTK connector system **Wire - to - Board**

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

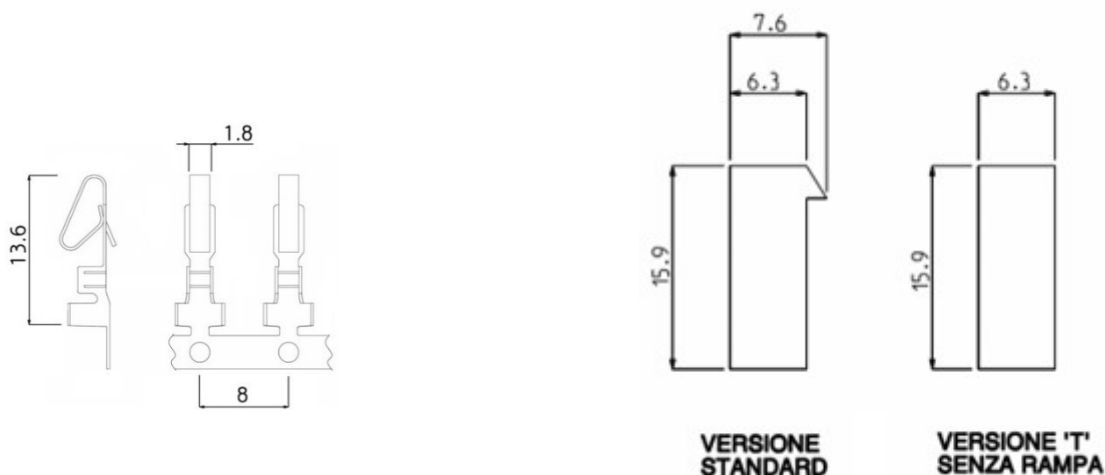
DESCRIZIONE / Overview

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.

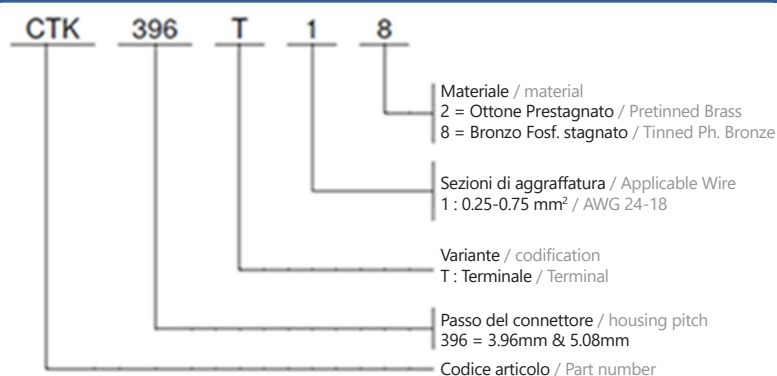
This modular connectors range can be used with low voltage, low current signal circuits and with power supply circuits. Connector housings are available in special Glow Wire Test compatible material, according to the IEC 60335-1. CTK connectors have applications in harness assemblies used in the Appliances 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.



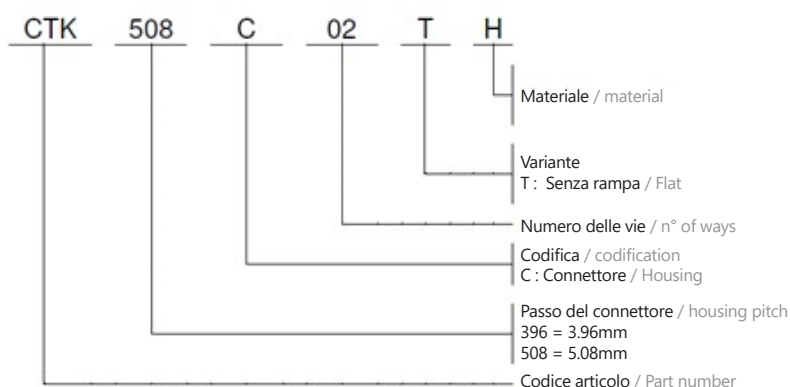
DIMENSIONI / Dimensions



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	0,25-0,75 mm ² / 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

CE **RoHS** **REACH**

CONNESSIONE PASSO 3.96 CON RAMPA **STANDARD** / 3.96 Pitch connectors with Std.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	0,25-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,25-0,75	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 **STANDARD** /5.08 Pitch Connectors with Std.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	0,25-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,25-0,75	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	---	---	3.000
		CTK508C02V0	PA66	V0	140	---		
		CTK508C02H	PA6	V2	130	750°C noflame		
		CTK508C02Z	PA66	V0	140	750°C noflame		
	3	CTK508C03	PA66	V2	130	---	---	3.000
		CTK508C03V0	PA66	V0	140	---		
		CTK508C03H	PA6	V2	130	750°C noflame		
		CTK508C03Z	PA66	V0	140	750°C noflame		
	4	CTK508C04	PA66	V2	130	---	---	3.000
		CTK508C04V0	PA66	V0	140	---		
		CTK508C04H	PA6	V2	130	750°C noflame		
		CTK508C04Z	PA66	V0	140	750°C noflame		
	5	CTK508C05	PA66	V2	130	---	---	3.000
		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	---	---	2.000
		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		

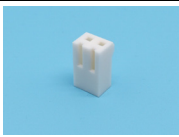
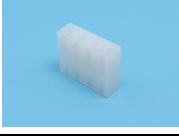
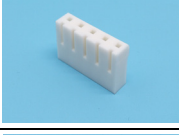
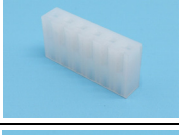
Le dimensioni sono in millimetri, salvo diversamente specificato.
 Dimensions are in millimeters unless otherwise specified.
 REV. 2025-1

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.

CONNESSIONE PASSO 5.08 SENZA RAMPA / 5.08 Pitch flat connectors without 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	0,25-0,75	24-18	Ottone Brass	Stagnato Tinned	---	6 x 3.500
	8,0mm	CTK396T18	0,25-0,75	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	---	---	3.000
		CTK508C02TV0	PA66	V0	140	---		
		CTK508C02TH	PA6	V2	130	750°C noflame		
		CTK508C02TZ	PA66	V0	140	750°C noflame		
	3	CTK508C03T	PA66	V2	130	---	---	3.000
		CTK508C03TV0	PA66	V0	140	---		
		CTK508C03TH	PA6	V2	130	750°C noflame		
		CTK508C03TZ	PA66	V0	140	750°C noflame		
	4	CTK508C04T	PA66	V2	130	---	---	3.000
		CTK508C04TV0	PA66	V0	140	---		
		CTK508C04TH	PA6	V2	130	750°C noflame		
		CTK508C04TZ	PA66	V0	140	750°C noflame		
	5	CTK508C05T	PA66	V2	130	---	---	3.000
		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	---	---	2.000
		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		

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

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