

TE Internal #: CKA267N00450051000

Cable-to-Cable, 6 Position, Power &amp; Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PA66, Standard Circular Connectors

[View on TE.com >](#)

Connectors &gt; Circular Connectors &gt; Standard Circular Connectors

Connector System: **Cable-to-Cable**Connector Mounting Type: **Cable Mount (Free-Hanging)**Number of Positions: **6**Sealable: **No**Circuit Application: **Power & Signal**

## Features

### Product Type Features

Product Type	Housing Assembly
Connector System	Cable-to-Cable
Sealable	No
Shell Type	Metal

### Configuration Features

Number of Positions	6
Number of Power Positions	4
Number of Signal Positions	2
Contacts Preloaded	No

### Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
-------------------	------------------

### Body Features

Environmental Protection Type	Sealed
Environmental Protection	IP67

Shell Plating Material	Electrodeposited Nickel
------------------------	-------------------------

Shell Base Material	Zinc Alloy
---------------------	------------

Circular Connector Insulation Material Type	PA66
---	------

#### Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
-----------------------	----------------------------------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Mating Retention	With
------------------	------

#### Housing Features

Circular Connector Shell Size	40
-------------------------------	----

Alignment Keyed	0°
-----------------	----

#### Dimensions

Cable Diameter Range	16.5 – 25 mm [.65 – .98 in]
----------------------	-----------------------------

#### Usage Conditions

IP Water Sealing Level	IP67
------------------------	------

Operating Temperature Range	-20 – 130 °C [-4 – 266 °F]
-----------------------------	----------------------------

#### Operation/Application

Durability Rating	500 Cycles
-------------------	------------

Circuit Application	Power & Signal
---------------------	----------------

Shielded	Yes
----------	-----

#### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Compatible With Approved Standards Products	UL
---	----

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
------------------------------	---------------------------

EU ELV Directive 2000/53/EC	Compliant with Exemptions
-----------------------------	---------------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
--	---

	Candidate List Declared Against: JAN 2024 (240)
--	--

SVHC &gt; Threshold:

Pb (3.5% in Component)

## Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

## Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CSA263N00450001000  
940 PLUG



TE Part # C0-0009-000-000  
POSITIONING INSERT FOR 2 MM  
CONTACTS



TE Part # C0-0010-000-000  
POSITIONING INSERT FOR 3.6 MM  
CONTACTS



TE Part # C0-0201-000-P00  
CRIMPING TOOL MID-SIZE



TE Part # C0-0236-000-P00  
DIGITAL CRIMPING TOOL, MID SIZE

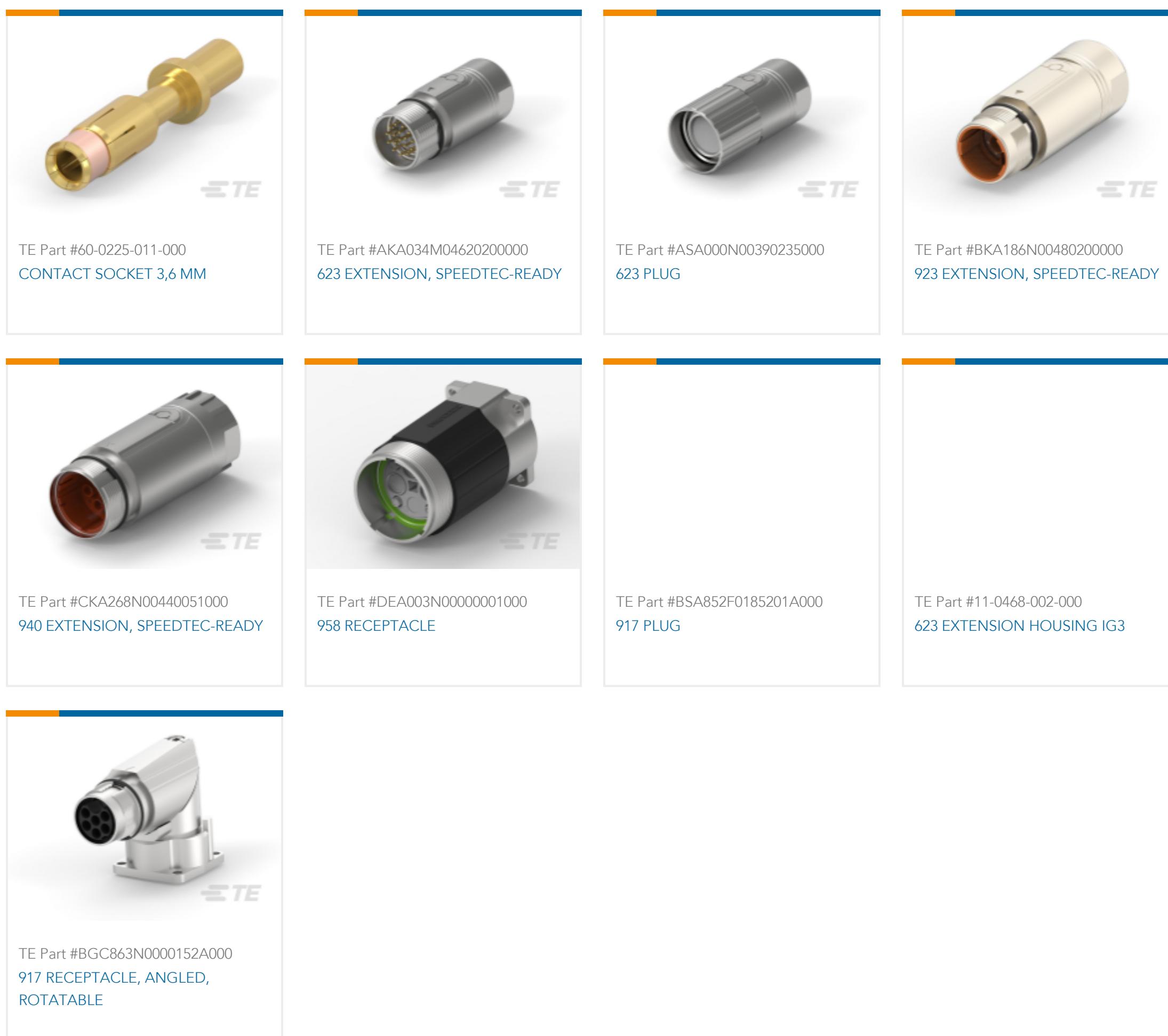


TE Part # C0-0008-000-P00  
CRIMPING TOOL LARGE



TE Part # C0-0313-000-P00  
CRIMPING DEVICE HC20 IN CASE

## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CKA267N00450051000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CKA267N00450051000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CKA267N00450051000\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[CKA267N00450051000](#)

English

[fuer Datenblaetter, die online konfigurierbar sind](#)

German

CKUA267NN00450051000

Cable-to-Cable, 6 Position, Power & Signal, Cable Mount (Free-Hanging),  
Electrodeposited Nickel, Zinc Alloy, PA66, Standard Circular Connectors



---

### Product Specifications

German