



TE Internal #: DKA002N00030001000

Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, 58 Shell Size, Shielded

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**

Sealable: **No**

Circuit Application: **Power**

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

Shell Plating Material: **Electrodeposited Nickel**

## Features

### Product Type Features

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

### Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
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### Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT+PA

### Mechanical Attachment

Mating Retention Type	Screw
Connector Mounting Type	Cable Mount (Free-Hanging)



### Housing Features

Circular Connector Shell Size	58
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### Dimensions

Cable Diameter Range	4 – 10 mm [.15 – .39 in]
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### Usage Conditions

Operating Temperature Range	-20 – 130 °C [-4 – 266 °F]
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### Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power
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Shielded	Yes
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### Industry Standards

UL Flammability Rating	UL 94V-0
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Approved Standards	UL
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Pb (3.5% in Component)
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**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
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Solder Process Capability	Not reviewed for solder process capability
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#### 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



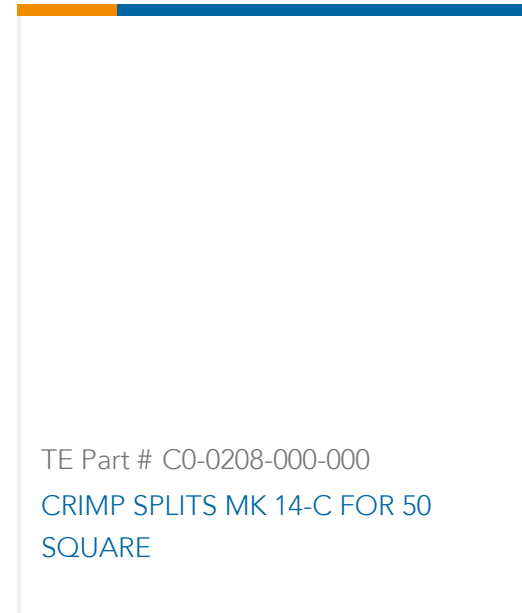
TE Part # C0-0201-000-000  
CRIMPING TOOL MID-SIZE



TE Part # C0-0093-000-000  
POSITIONING INSERT FOR 1.6 MM CONTACTS




TE Part # C0-0207-000-000  
BATTERY CRIMPING TOOL



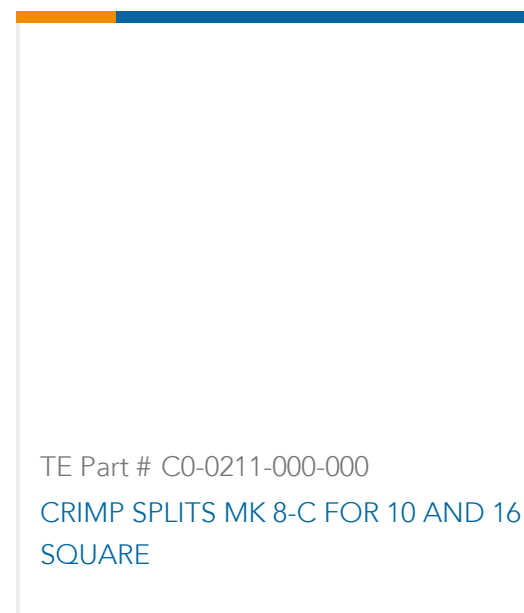
TE Part # C0-0208-000-000  
CRIMP SPLITS MK 14-C FOR 50 SQUARE



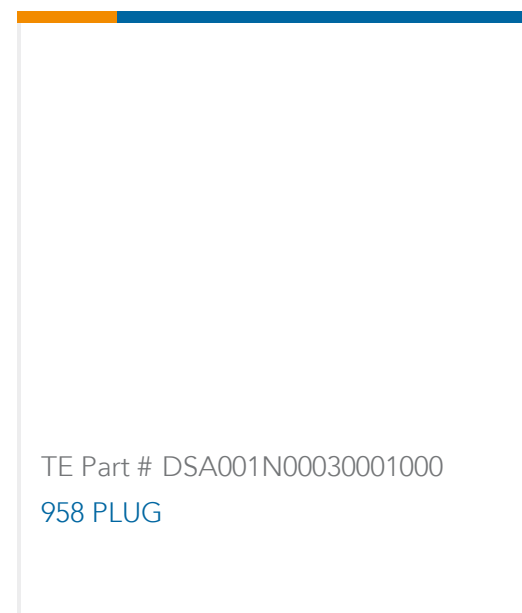
TE Part # C0-0209-000-000  
CRIMP SPLITS MK 12-C FOR 35 SQUARE



TE Part # C0-0210-000-000  
CRIMP SPLITS MK 10-C FOR 25 SQUARE

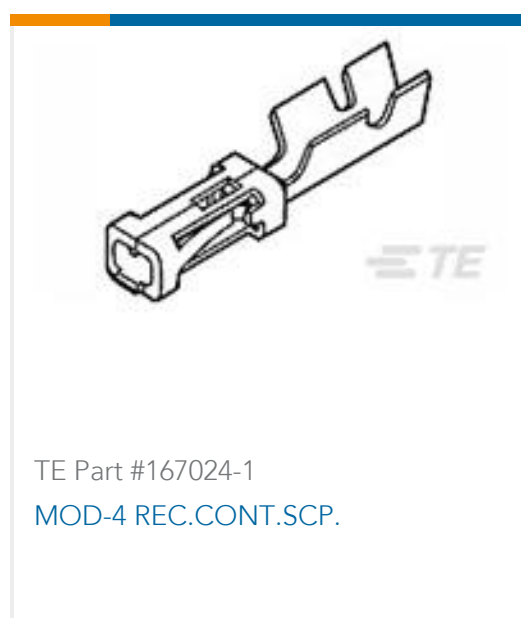


TE Part # C0-0211-000-000  
CRIMP SPLITS MK 8-C FOR 10 AND 16 SQUARE



TE Part # DSA001N00030001000  
958 PLUG

## Customers Also Bought



TE Part #167024-1  
MOD-4 REC.CONT.SCP.



TE Part #52420  
PIDG LONG SPRING SPADE TONGUE TERMINALS



TE Part #811552-000  
202F221-50-0



TE Part #2201855-3  
Mini I/O Cable Conn. Piercing D1



TE Part #CGA257N00000056000  
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part #CQ50513001  
RAY-103-10.0(10)



TE Part #4-1393763-3  
V23100V4324C011



TE Part #BEA127N00000205000  
923 RECEPTACLE, SPEEDTEC-READY



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DKA002N00030001000\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DKA002N00030001000\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DKA002N00030001000\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[DKA002N00030001000](#)

English

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English