



TE Internal #: AKA002N00480550000  
 Standard Circular Connectors, Cable-to-Cable, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, Polyamide, 23 Shell Size

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**  
 Sealable: **No**  
 Circuit Application: **Signal**  
 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	125 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	Polyamide

### Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
Connector Mounting Type	Cable Mount (Free-Hanging)



### Housing Features

Circular Connector Shell Size	23
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### Dimensions

Cable Diameter Range	7.5 – 12 mm [.29 – .47 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	Signal
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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	Compliant with Exemptions
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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: JUN 2020 (209) 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 # ASA001N00480650000  
623 PLUG

TE Part # C0-0235-000-000  
DIGITAL CRIMPING TOOL, SMALL

TE Part # C0-0101-000-000  
CRIMPING TOOL SMALL WITH POSITIONER

## Customers Also Bought



TE Part # 661269-000  
TXR21AB00-1605AI



TE Part # ZPF000000000001261  
097-0267-16 A1267



TE Part # 1617147-5  
JMGAP-26P = M39016/17-030P

TE Part # 358279-000  
382C312-50-01-0



TE Part # ZPF0000000000007174  
983-ORS 08-98 PN



TE Part # YA5FD56-14-15SWC019  
PLUG ASSY



TE Part # CX1369-000  
BSTS-13X4FR/NM



TE Part # CS8624-000  
BSTS-15X4FR/NM



TE Part # YDTS20Y13-98XNV001  
HERM REC



TE Part # 1617119-5  
J1MAW-18XP = M39016/7-021P

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)



### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA002N00480550000\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA002N00480550000\\_A.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA002N00480550000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[AKA002N00480550000](#)

English

### Instruction Sheets

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

English