



TE Internal #: BKA199N00480200000

Standard Circular Connectors, Cable-to-Cable, Power & Signal,
Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,
PBT GF, 23 Shell Size

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

Sealable: **No**

Circuit Application: **Power & 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 | 630 VAC |
|-------------------|---------|

Body Features

| | |
|---|-------------------------|
| Environmental Protection | IP67 |
| Shell Plating Material | Electrodeposited Nickel |
| Shell Base Material | Zinc Alloy |
| Circular Connector Insulation Material Type | PBT GF |

Mechanical Attachment

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



Housing Features

| | |
|-------------------------------|----|
| Circular Connector Shell Size | 23 |
| Alignment Keyed | 0° |

Dimensions

| | |
|----------------------|---------------------------|
| Cable Diameter Range | 7.5 – 12 mm[.29 – .47 in] |
|----------------------|---------------------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| 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 |
| Approved Standards | UL |

Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| 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) 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 # BSA078N00550235000
923 PLUG

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

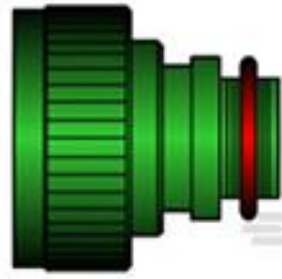
TE Part # C0-0201-000-000
CRIMPING TOOL MID-SIZE

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

TE Part # C0-0004-000-000
POSITIONING INSERT FOR 2 MM CONTACTS

TE Part # C0-0252-000-000
POSITIONING INSERT FOR 1 MM CONTACTS

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 #YAFD56-14-15SWC019
PLUG ASSY



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



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



Documents

Product Drawings

[923 EXTENSION, SPEEDTEC-READY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_BKA199N00480200000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA199N00480200000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA199N00480200000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[BKA199N00480200000](#)

English

Instruction Sheets

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

English