



Connectors > Circular Connectors > Standard Circular Connectors



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

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

Number of Positions: **6**

Sealable: **No**

Circuit Application: **Power**

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------|----|
| Number of Positions | 6 |
| Number of Power Positions | 6 |
| Number of Signal Positions | 0 |
| Contacts Preloaded | No |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 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 | Screw |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Mating Retention | With |

Housing Features

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

Dimensions

| | |
|----------------------|-----------------------------|
| Cable Diameter Range | 9.5 – 14.5 mm[.37 – .57 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 |
| 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>

| | |
|---|--|
| 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 > 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 applicable 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 # BGC106N00001216000
923 RECEPTACLE, ANGLED, ROTATABLE




TE Part # BKA186N00420200000
923 EXTENSION, SPEEDTEC-READY



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




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




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

Customers Also Bought







TE Part #AGC874N0000150A000
617 RECEPTACLE ANGLED
ROTATABLE




TE Part #AEA110N00000201000
623 RECEPTACLE, SPEEDTEC-READY




TE Part #AEA560N00000201000
623 RECEPTACLE, SPEEDTEC-READY




TE Part #ASA876N0085200A000
617 PLUG



TE Part #BEA116N00000200000
923 RECEPTACLE, SPEEDTEC-READY



TE Part #BKA186N00480200000
923 EXTENSION, SPEEDTEC-READY



TE Part #BSA078F05420235000
923 PLUG



TE Part #BSA108N00420236000
923 PLUG, SHORT

Documents

Product Drawings

923 PLUG, SHORT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA107N00420236000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BSA107N00420236000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BSA107N00420236000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BSA107N00420236000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German