



Connectors > Circular Connectors > Standard Circular Connectors



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

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

Sealable: **No**

Circuit Application: **Power**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	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 GF

Mechanical Attachment

Mating Retention Type	Screw
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Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Circular Connector Shell Size	23
Alignment Keyed	0°
Dimensions	
Cable Diameter Range	14 – 17 mm[.55 – .67 in]
Usage Conditions	
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	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: 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 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 # BGC106N00001216000
923 RECEPTACLE, ANGLED, ROTATABLE

TE Part # BKA186N00590200000
923 EXTENSION, SPEEDTEC-READY

Customers Also Bought

TE Part #AKA012N00390200000
623 EXTENSION, SPEEDTEC-READY

TE Part #AKB000N00620296000
623 EXTENSION, SPEEDTEC-READY

TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC

TE Part #BSA085N00580235000
923 PLUG

TE Part #BSA109F06420136000
923 PLUG, SHORT, SPEEDTEC

TE Part #BSA852N0087201A000
917 PLUG

TE Part #CKA267N00440051000
940 EXTENSION, SPEEDTEC-READY

TE Part #BKA145N00430200000
923 EXTENSION, SPEEDTEC-READY

TE Part #BSA200N00430235000
923 PLUG

TE Part #CKA267N00260051000
940 EXTENSION, SPEEDTEC-READY

Documents



Product Drawings

923 PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA085N00590235000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BSA085N00590235000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BSA085N00590235000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BSA085N00590235000

English

fuer Datenblaetter, die online konfigurierbar sind

German