



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]
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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
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% in Component) <small>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.</small>
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

 <p>TE Part # BEA116N00000200000 923 RECEPTACLE, SPEEDTEC-READY</p>	 <p>TE Part # C0-0201-000-000 CRIMPING TOOL MID-SIZE</p>	 <p>TE Part # C0-0236-000-000 DIGITAL CRIMPING TOOL, MID SIZE</p>	 <p>TE Part # C0-0004-000-000 POSITIONING INSERT FOR 2 MM CONTACTS</p>
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Customers Also Bought

 <p>TE Part # BKA199N00420202000 923 EXTENSION, SPEEDTEC-READY</p>	 <p>TE Part # EKB002N0043L003000 615 LOCKTEC EXTENSION</p>	 <p>TE Part # PSA001N00590001000 923 SINGLETEC PLUG</p>	 <p>TE Part # 60-0105-023-004 contact socket 10 mm</p>
 <p>TE Part # AGC047N0000052A000 617 RECEPTACLE ANGLED ROTATABLE</p>	 <p>TE Part # AUA021N00550150000 623 PLUG, ANGLED</p>	 <p>TE Part # BSA078F52420235000 923 plug</p>	 <p>TE Part # BSA085F03570435000 923 plug</p>
 <p>TE Part # EDA002N00000002000 615 BULKHEAD CONNECTOR</p>	 <p>TE Part # HSA214N00580100000 723 htec Stecker speedtec</p>		

Documents



Product Drawings

923 PLUG, SHORT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BSA107N00590236000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BSA107N00590236000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BSA107N00590236000\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

BSA107N00590236000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German