



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Sealable: No

Circuit Application: Power & Signal

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	Speedtec (Triple Start Threaded)
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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 & Signal
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: JUNE 2024 (241) 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 # BEA120N00000100000
923 RECEPTACLE, SPEEDTEC



TE Part # BKA199N00590100000
923 EXTENSION, SPEEDTEC



TE Part # BKA199N00680100000
923 EXTENSION, SPEEDTEC



TE Part # C0-0003-000-000
POSITIONING INSERT FOR 1 MM CONTACTS



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



TE Part # C0-0101-000-P00
CRIMPING TOOL SMALL WITH POSITIONER



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



TE Part # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL



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

Customers Also Bought



TE Part #ASA876N0085200A000
617 PLUG



TE Part #BKA199N00590100000
923 EXTENSION, SPEEDTEC



TE Part #BSA082N00590100000
923 PLUG, SPEEDTEC



TE Part #BSA107N00420236000
923 PLUG, SHORT





TE Part #BSA108N00420236000
923 PLUG, SHORT



TE Part #CSA263N00440020000
940 PLUG, SPEEDTEC



TE Part #CSA264N00440020000
940 PLUG, SPEEDTEC



TE Part #ESA202N00330500000
915 PLUG



TE Part #61-0232-011-P00
CONTACT PIN 1 MM



TE Part #CKA268N00450026000
940 EXTENSION, SPEEDTEC

Documents

Product Drawings

923 PLUG, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA078N00590100000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BSA078N00590100000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BSA078N00590100000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BSA078N00590100000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German