

BSTA085NN00590100000

✓ ACTIVE

TE Internal #: BSA085N00590100000

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

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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	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
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) <b>Article Safe Usage Statements:</b> 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 # BKA186N00590100000  
923 EXTENSION, SPEEDTEC



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




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




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


Customers Also Bought




TE Part #1-2186548-1  
RIB-1976-300-060-L-0




TE Part #AEA874M1000050A000  
617 RECEPTACLE, SPEEDTEC




TE Part #AKB000N00610296000  
623 EXTENSION, SPEEDTEC-READY




TE Part #ASA014F01730100000  
623 PLUG, SPEEDTEC




TE Part #20-0383-002-000  
940 receptacle




TE Part #AGC052N00001100000  
623 receptacle angled rotatable




TE Part #AKA020N00390113000  
623 extension, speedtec



TE Part #AUA000N00420150000  
623 PLUG, ANGLED



TE Part #BUA109N00590200000  
923 PLUG, ANGLED



TE Part #EKB002N00320001000  
615 EXTENSION

Documents



Product Drawings

923 PLUG, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BSA085N00590100000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BSA085N00590100000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BSA085N00590100000\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

BSA085N00590100000

English

fuer Datenblaetter, die online konfigurierbar sind

German