

**BSTA085NN00590235000**

✓ ACTIVE

TE Internal #: BSA085N00590235000

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

[View on TE.com >](#)[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
-------------------	---------

### 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
-----------------------	-------

## 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](http://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

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

---

## Datasheets & Catalog Pages

### BSA085N00590235000

English

[fuer Datenblaetter, die online konfigurierbar sind](#)

German