

**BSTA107NN00590236000**

✓ ACTIVE

TE Internal #: BSA107N00590236000

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

[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

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)

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 # BEA116N00000200000  
923 RECEPTACLE, SPEEDTEC-READY



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



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



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

## Customers Also Bought



TE Part # BKA199N00420202000  
923 EXTENSION, SPEEDTEC-READY



TE Part # EKB002N0043L003000  
615 LOCKTEC EXTENSION



TE Part # PSA001N00590001000  
923 SINGLETEC PLUG



TE Part # 60-0105-023-004  
contact socket 10 mm



TE Part # AGC047N0000052A000  
617 RECEPTACLE ANGLED ROTATABLE



TE Part # AUA021N00550150000  
623 PLUG, ANGLED



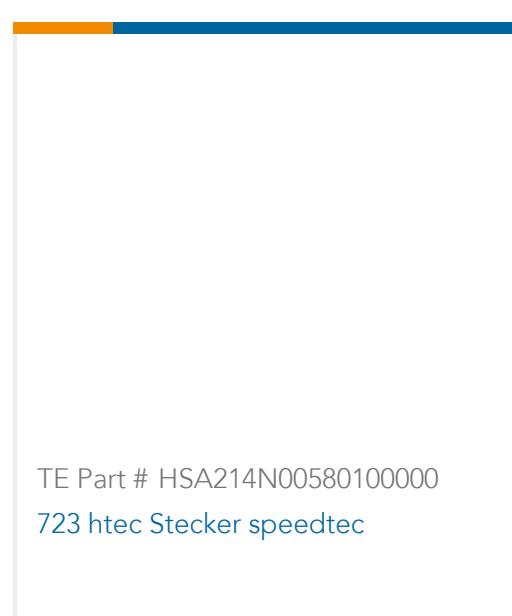
TE Part # BSA078F52420235000  
923 plug



TE Part # BSA085F03570435000  
923 plug



TE Part # EDA002N000000020000  
615 BULKHEAD CONNECTOR



TE Part # HSA214N00580100000  
723 htec Stecker speedtec

## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****BSA107N00590236000**

English

fuer Datenblaetter, die online konfigurierbar sind

German

**Product Specifications**

German