

**BSTA108NN00590136000**  ACTIVE

TE Internal #: BSA108N00590136000

Standard Circular Connectors, Cable-to-Cable, Power & Signal,  
Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,  
PBT GF, Size 23[View on TE.com >](#)

Connectors &gt; Circular Connectors &gt; 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 |
|-------------------|---------|

### 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) |
|-----------------------|----------------------------------|

## 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 &amp; 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](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

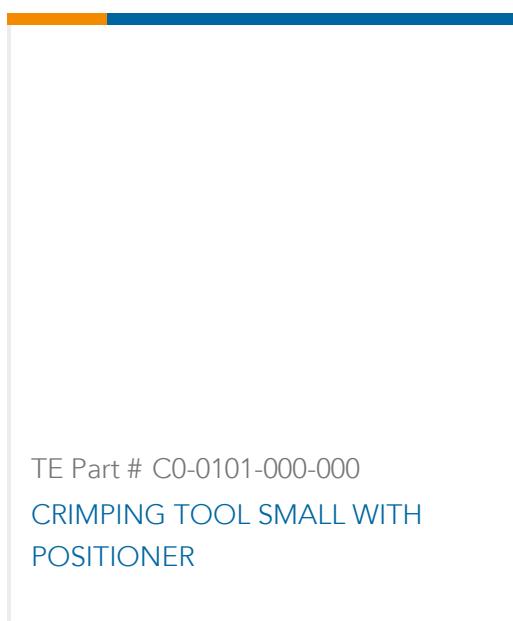
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # BGC110N00001116000  
923 RECEPTACLE, ANGLED,  
ROTATABLE



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



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



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



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



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



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

## Customers Also Bought



TE Part # 60-0001-011-000  
CONTACT SOCKET 1 MM



TE Part # 60-0254-011-000  
CONTACT SOCKET 2 MM



TE Part # 60-0278-011-000  
CONTACT SOCKET 0.6 MM



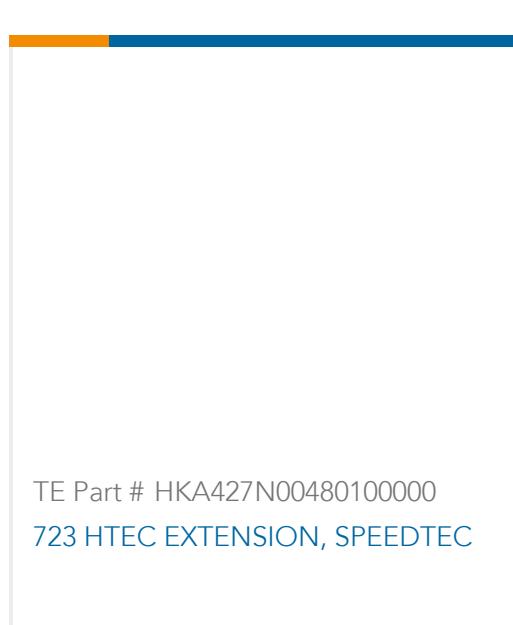
TE Part # 61-0193-011-000  
CONTACT PIN 2 MM



TE Part # ASA014N00410100000  
623 PLUG, SPEEDTEC



TE Part # BSA107N00590136000  
923 PLUG, SHORT, SPEEDTEC



TE Part # HKA427N00480100000  
723 HTEC EXTENSION, SPEEDTEC

## Documents

### Product Drawings

#### 923 PLUG, SHORT, SPEEDTEC

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_BSA108N00590136000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_BSA108N00590136000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_BSA108N00590136000\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

#### BSA108N00590136000

English

fuer Datenblaetter, die online konfigurierbar sind

German

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### Product Specifications

German