# BSTA078NN00590235000 ACTIVE



TE Internal #: BSA078N00590235000 Standard Circular Connectors, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,

PBT GF, 23 Shell Size

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Connectors > Circular Connectors > Standard Circular Connectors











Connector System: Cable-to-Cable

Sealable: No

Circuit Application: Power & Signal

Connector Mounting Type: Cable Mount (Free-Hanging)

Shell Plating Material: Electrodeposited Nickel

### **Features**

### Product Type Features

Product Type	Connector
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	Screw	
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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

## **Product Compliance**

Approved Standards

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: JUN 2020 (209)  Candidate List Declared Against: JUN 2020 (209)  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

UL

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

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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-onreach

# Compatible Parts





923 EXTENSION, SPEEDTEC-READY

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

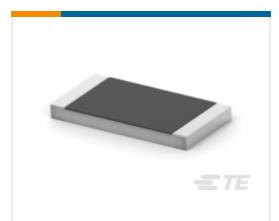
TE Part # C0-0236-000-000 DIGITAL CRIMPING TOOL, MID SIZE

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

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

TE Part # C0-0235-000-000 DIGITAL CRIMPING TOOL, SMALL TE Part # C0-0101-000-000 CRIMPING TOOL SMALL WITH **POSITIONER** 

# Customers Also Bought



TE Part #2-1879005-3 SMD Power Resistor: 1 Watt, 3520 Series



TE Part #1-2329387-2 PB OFF/ON FC YLW M1 TERM RED LED IP68



TE Part #2329387-7 PB OFF/ON FC RED M1 TERM RED LED IP68



TE Part #1103428-1 MALE INSERT CRIMP, 8-POS. TYPE III+



923 PLUG, SPEEDTEC









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### **Documents**

### **Product Drawings**

923 PLUG

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_BSA078N00590235000\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_BSA078N00590235000\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_BSA078N00590235000\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

BSA078N00590235000

English

## **Instruction Sheets**

Instruction Sheet (non U.S.)

English

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