

BSTA078NN00480235000 ✓ ACTIVE

TE Internal #: BSA078N00480235000

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

[View on TE.com >](#)



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 |
|-------------------|---------|

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

7.5 – 12 mm [.29 – .47 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

Approved Standards

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: 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

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 # BEA120N00000200000
923 RECEPTACLE, 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

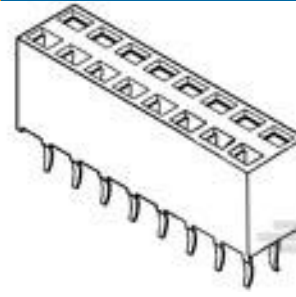
TE Part # C0-0235-000-000
DIGITAL CRIMPING TOOL, SMALL

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

Customers Also Bought



TE Part #EM63332001
Single Wall RNF-100 Reel HS Tubing



TE Part #3-215309-0
2X30P HV100 REC CON. TE, 8.5MM



TE Part #4-1393808-7
Signal Relays: 5 amp, Monostable DC



TE Part #82-050G-RT
MEDIA ISOLATED PRESSURE STOCK LIST



TE Part #656838-000
Medium-Wall Heat Shrink Tubing



TE Part #1463644-1
EXT-TOOL, 5.0 POWER KEY CONN.



TE Part #ASA874N0086050A000
617 PLUG, SPEEDTEC



TE Part #ASA012N00400235000
623 PLUG



Documents

Product Drawings

923 PLUG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_BSA078N00480235000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BSA078N00480235000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BSA078N00480235000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BSA078N00480235000](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English