# BSTA082NN00580100000 🗸 ACTIVE

TE Internal #: BSA082N00580100000 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 > Circular Connectors > 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) |
|   |                                  |

**C** For support call +1 800 522 6752

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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                        | 9.5 - 14.5 mm[.3757 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                   |
| Compatible With Approved Standards Products | 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   | 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<br>(240)<br>Candidate List Declared Against: JAN 2024<br>(240)<br>SVHC > Threshold:<br>Pb (3.5% in Component)<br>Aticle Safe Usage Statements:<br>Do not eat, drink or smoke when using this product. Wash thoroughly after<br>handling. Recycle if possible and dispose of the article by following all applicable<br>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<br>This information is provided based on reasonable inquiry of our suppli | ers and represents our current actual knowledge   |

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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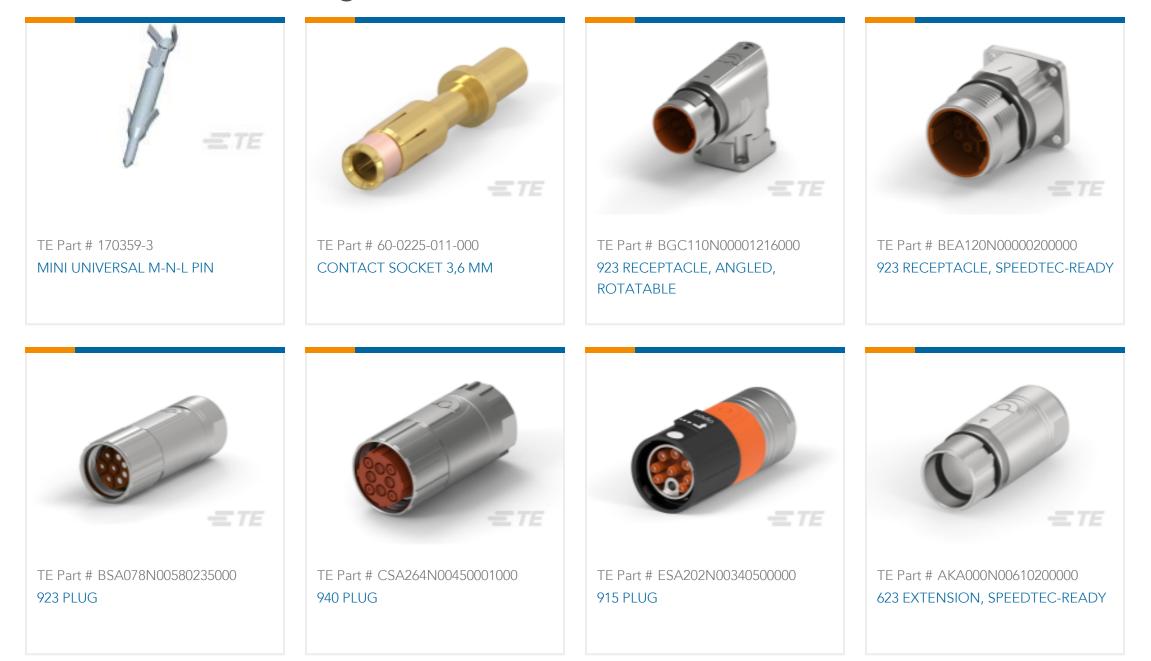


limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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-on-reach

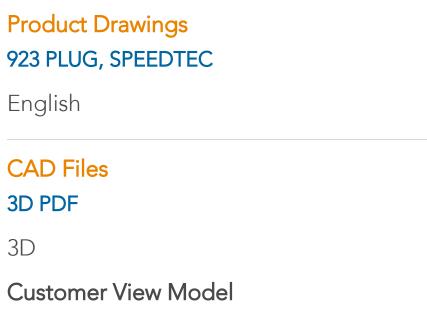
# **Compatible Parts**



# **Customers Also Bought**



# Documents



ENG\_CVM\_CVM\_BSA082N00580100000\_A.2d\_dxf.zip

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English

Customer View Model ENG\_CVM\_CVM\_BSA082N00580100000\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_BSA082N00580100000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages BSA082N00580100000

English

fuer Datenblaetter, die online konfigurierbar sind

German