

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

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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) |
|-----------------------|----------------------------------|



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[.37 - .57 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 (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 # BEA144N00000100000
923 RECEPTACLE, SPEEDTEC




TE Part # BKA145N00580100000
923 EXTENSION, SPEEDTEC


Customers Also Bought




TE Part # 170359-3
MINI UNIVERSAL M-N-L PIN




TE Part # 60-0225-011-000
CONTACT SOCKET 3,6 MM




TE Part # BGC110N00001216000
923 RECEPTACLE, ANGLED, ROTATABLE




TE Part # BEA120N00000200000
923 RECEPTACLE, SPEEDTEC-READY




TE Part # BSA078N00580235000
923 PLUG



TE Part # CSA264N00450001000
940 PLUG



TE Part # ESA202N00340500000
915 PLUG



TE Part # AKA000N00610200000
623 EXTENSION, SPEEDTEC-READY

Documents

Product Drawings

923 PLUG, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA082N00580100000_A.2d_dxf.zip



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

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Datasheets & Catalog Pages

[BSA082N00580100000](#)

English

[fuer Datenblaetter, die online konfigurierbar sind](#)

German