



TE Internal #: BFC110N00000207000

Standard Circular Connectors, Cable-to-Panel, Power & Signal,
Panel Mount, Electrodeposited Nickel, Zinc Alloy, PBT GF, Size 23,
Shielded, Receptacle

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**

Sealable: **No**

Circuit Application: **Power & Signal**

Connector Mounting Type: **Panel Mount**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

| | |
|-------------------------|--------------------|
| Product Type | Connector Assembly |
| Connector System | Cable-to-Panel |
| Sealable | No |
| Circular Connector Type | Receptacle |
| Shell Type | Metal |

Electrical Characteristics

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|-------------------|---------|
| Operating Voltage | 630 VAC |
|-------------------|---------|

Body Features

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|---|-------------------------|
| Environmental Protection | IP67 |
| Shell Plating Material | Electrodeposited Nickel |
| Shell Base Material | Zinc Alloy |
| Circular Connector Insulation Material Type | PBT GF |

Mechanical Attachment

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|-----------------------|----------------------------------|
| Mating Retention Type | Speedtec (Triple Start Threaded) |
|-----------------------|----------------------------------|



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|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
|--------------------------|----------------------------|

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|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

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|-------------------------------|----|
| Circular Connector Shell Size | 23 |
|-------------------------------|----|

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|-----------------|----|
| Alignment Keyed | 0° |
|-----------------|----|

Usage Conditions

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|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 130 °C[-4 – 266 °F] |
|-----------------------------|---------------------------|

Operation/Application

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|-------------------|------------|
| Durability Rating | 500 Cycles |
|-------------------|------------|

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|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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|----------|-----|
| Shielded | Yes |
|----------|-----|

Industry Standards

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|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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|--------------------|----|
| Approved Standards | UL |
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

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|------------------------------|---------------------------|
| 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 | <p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC > Threshold:</p> <p>Pb (2.8% in Component)</p> |
|--|--|

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.

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|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

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|---------------------------|--|
| 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 # BSA078N00420235000
923 PLUG



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



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



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



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



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

Customers Also Bought



TE Part #60-0023-011-000
CONTACT SOCKET 2 MM



TE Part #61-0004-011-000
CONTACT PIN 1 MM



TE Part #61-0010-011-000
CONTACT PIN 2 MM



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



TE Part #BGC110N00001216000
923 RECEPTACLE, ANGLED, ROTATABLE



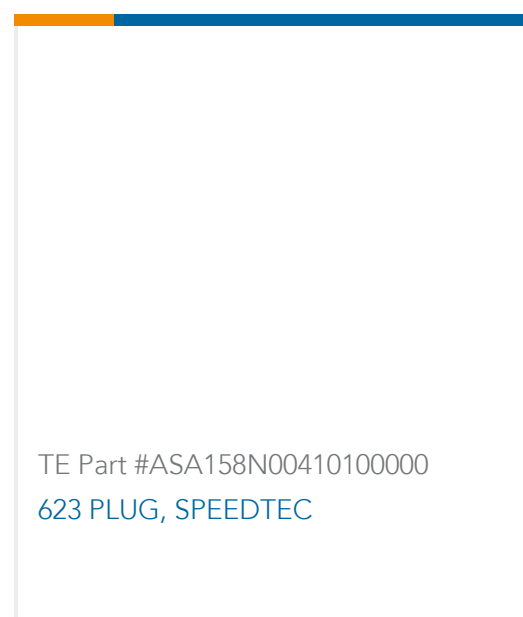
TE Part #BEA120N00000200000
923 RECEPTACLE, SPEEDTEC-READY



TE Part #8A-0002-000-000
623/923 PLASTIC CAP



TE Part #CSA264F49450020000
940 PLUG, SPEEDTEC



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_BFC110N00000207000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BFC110N00000207000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BFC110N00000207000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Y6-C141-000-000](#)

English

Product Specifications

German