



TE Internal #: BGC106N00001116000

Cable-to-Panel, 6 Position, Power, Panel Mount, Blue Chromium, Zinc Alloy, PBT+PA, 6 Power Positions, 0 Signal Positions, Standard Circular Connectors

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Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **6**

Sealable: **No**

Circuit Application: **Power**

Features

Product Type Features

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

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 6  |
| Number of Power Positions  | 6  |
| Number of Signal Positions | 0  |
| Contacts Preloaded         | No |

Electrical Characteristics

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

Body Features

|   |               |
|---|---------------|
| Environmental Protection Type               | Sealed        |
| Environmental Protection                    | IP67          |
| Shell Plating Material                      | Blue Chromium |
| Shell Base Material                         | Zinc Alloy    |
| Circular Connector Insulation Material Type | PBT+PA        |



Mechanical Attachment

|                          |                                  |
|--------------------------|----------------------------------|
| Mating Retention Type    | Speedtec (Triple Start Threaded) |
| Flange                   | With                             |
| Mating Alignment         | With                             |
| Panel Mount Feature      | With                             |
| Panel Mount Feature Type | Flange with Mounting Holes       |
| Connector Mounting Type  | Panel Mount                      |
| Mating Retention         | With                             |

Housing Features

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

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| IP Water Sealing Level      | IP67                      |
| Operating Temperature Range | -20 – 130 °C[-4 – 266 °F] |

Operation/Application

|                     |            |
|---------------------|------------|
| Durability Rating   | 500 Cycles |
| Circuit Application | Power      |
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Pb (3.5% in Component)<br><b>Article Safe Usage Statements:</b><br>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 # BSA085N00480100000  
923 PLUG, SPEEDTEC




TE Part # BSA085N00550100000  
923 PLUG, SPEEDTEC



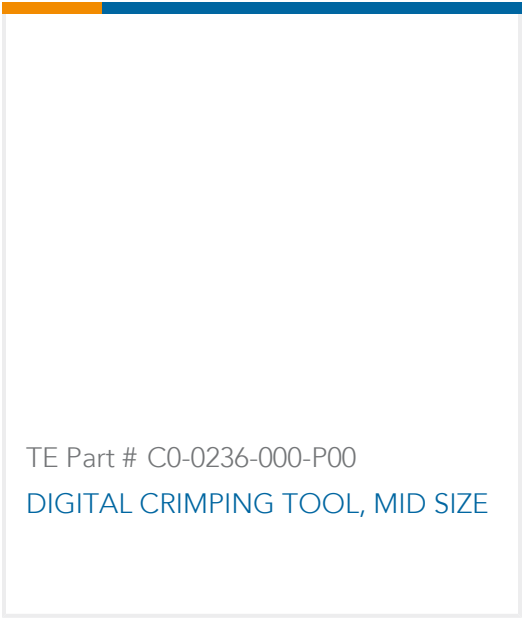
TE Part # BSA107N00580136000  
923 PLUG, SHORT, SPEEDTEC



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



TE Part # C0-0201-000-P00  
CRIMPING TOOL MID-SIZE



TE Part # C0-0236-000-P00  
DIGITAL CRIMPING TOOL, MID SIZE

Customers Also Bought



TE Part #AGC052N00001215000  
623 RECEPTACLE ANGLED ROTATABLE



TE Part #AEA110N00000201000  
623 RECEPTACLE, SPEEDTEC-READY



TE Part #BDA107N00000070000  
923 BULKHEAD CONNECTOR, ANGLED



TE Part #BGC110N00001216000  
923 RECEPTACLE, ANGLED, ROTATABLE





TE Part #CGA258N00000056000

940 RECEPTACLE ANGLED,  
ROTATABLE,SP-READY



TE Part #CSA263F53450020000

940 PLUG, SPEEDTEC



TE Part #AFC086N00001208000

623 receptacle, angled

Documents

Product Drawings

923 RECEPTACLE, ANGLED, ROTATABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BGC106N00001116000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BGC106N00001116000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BGC106N00001116000\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

BGC106N00001116000

English

923 Receptacle Angled BGC106N00001116000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German