



TE Internal #: BGC106N00001116000

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

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Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 6

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

Sealable: **No**

Circuit Application: **Power**

Connector Mounting Type: **Panel Mount**

Features

Product Type Features

Connector 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 VDC
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Body Features

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



Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	23
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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: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) 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 # BSA085N00480100000
923 PLUG, SPEEDTEC




TE Part # BSA107N00580136000
923 PLUG, SHORT, SPEEDTEC

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

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



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



TE Part # BSA085N00550100000
923 PLUG, SPEEDTEC

Customers Also Bought



TE Part #AEA000N00000101000
623 RECEPTACLE, SPEEDTEC



TE Part #CGE271N00000020000
940 RECEPTACLE ANGLED, ROTATABLE,SPEEDTEC



TE Part #CGE271N00000051000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part #AGC000N00001115000
623 RECEPTACLE ANGLED ROTATABLE



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

BEDC106NN00001116000

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



German