



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
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Body Features

Environmental Protection Type	Sealed
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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
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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: JUNE 2024 (241)



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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # BSA085N00420235000
923 PLUG




TE Part # BSA085N00480235000
923 PLUG



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



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



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

Customers Also Bought



TE Part #AGC000N00001200000
623 RECEPTACLE ANGLED
ROTATABLE

TE Part #AEA000N00000200000
623 RECEPTACLE, SPEEDTEC-READY

TE Part #ASA021N00690100000
623 PLUG, SPEEDTEC

TE Part #BGC110N00001200000
923 RECEPTACLE, ANGLED,
ROTATABLE

TE Part #BEA116N00000201000
923 RECEPTACLE, SPEEDTEC-READY

TE Part #BSA078N00590235000
923 PLUG

TE Part #HGE502N0000100P000
740 RECEPTACLE ANGLED,
SPEEDTEC

TE Part #AKA015M04600200000
623 extension, speedtec-ready

TE Part #EGC101N00000001000
615/915 YTEC RECEPTACLE, ANGLED

TE Part #40-0947-000-P00
623 INSULATION INSERT, 12-PIN

Documents

Product Drawings

923 RECEPTACLE, ANGLED, ROTATABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BGC106N00001200000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BGC106N00001200000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BGC106N00001200000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BEDC106NN00001200000

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



BGC106N00001200000

English

923 Receptacle BEDC106NN00001200000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German