



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **8**

Sealable: **No**

Circuit Application: **Power & Signal**

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	8
Number of Power Positions	4
Number of Signal Positions	4
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 GF

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
Alignment Keyed	0°

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 & 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: 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	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 # BSA078N00420235000 923 PLUG	 TE Part # BSA078N00550235000 923 PLUG	 TE Part # BSA108N00420236000 923 PLUG, SHORT	 TE Part # BSA108N00480236000 923 PLUG, SHORT
 TE Part # BSA108N00550236000 923 PLUG, SHORT	 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 # C0-0252-000-000 POSITIONING INSERT FOR 1 MM CONTACTS



TE Part # C0-0201-000-P00 CRIMPING TOOL MID-SIZE	TE Part # C0-0101-000-P00 CRIMPING TOOL SMALL WITH POSITIONER	TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL	TE Part # C0-0236-000-P00 DIGITAL CRIMPING TOOL, MID SIZE

Customers Also Bought

TE Part #AGC052N00001215000 623 RECEPTACLE ANGLED ROTATABLE	TE Part #AGC110N00001215000 623 RECEPTACLE ANGLED ROTATABLE	TE Part #AEA110N00000201000 623 RECEPTACLE, SPEEDTEC-READY	TE Part #AFC052N00001214000 623 RECEPTACLE, ANGLED
TE Part #BGC106N00001216000 923 RECEPTACLE, ANGLED, ROTATABLE	TE Part #EGA101N00000001000 615/915 YTEC RECEPTACLE, ANGLED	TE Part #HGC422N00003200000 723 htec receptacle, angled, speedtec	TE Part #CGE271M07000051000 940 RECEPTACLE ANGLED, ROTATABLE,SP-READY
TE Part #AFC113N00000214000 623 RECEPTACLE, ANGLED	TE Part #EGA001N00000651000 615 itec receptacle angl rotatable 25x25		

Documents

Product Drawings

923 RECEPTACLE, ANGLED, ROTATABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BGC110N00001216000_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_BGC110N00001216000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BGC110N00001216000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[BGC110N00001216000](#)

English

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

German

Product Specifications

German