



TE Internal #: BFC106N00000220000

Circular Power Connectors, Connector Assembly, 630 VDC / 250 VDC, Cable-to-Panel, 6 Position, Receptacle, Pin, Power, Metal-Shell, Zinc Diecast

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC, 630 VDC**

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

Number of Positions: **6**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Power Positions	6
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
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Contact Features

Contact Type	Pin
Contact Protection	With



Housing Features

Housing Material	Zinc Diecast
Circular Connector Shell Size	23

Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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Operation/Application

Circuit Application	Power
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
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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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (2.8% 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

Customers Also Bought



TE Part #CV25362001

RW-175-E-1/16-X-STK



TE Part #5053144070

RNF-100-3/8-0-SP



TE Part #AGC000N00001200000

623 RECEPTACLE ANGLED
ROTATABLE



TE Part #AEA000N00000200000

623 RECEPTACLE, SPEEDTEC-READY



TE Part #BGC110N00001200000

923 RECEPTACLE, ANGLED,
ROTATABLE



TE Part #CGE270N00000051000

940 RECEPTACLE ANGLED,
ROTATABLE, SP-READY



TE Part #61-0193-011-P00

CONTACT PIN 2 MM

TE Part #3555830001

RPS-8-4/2.0-4



TE Part #61-0006-011-P00

CONTACT PIN 1 MM

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_BFC106N00000220000_A.2d_dxf.zip
- English



Customer View Model

[ENG_CVM_CVM_BFC106N00000220000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BFC106N00000220000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BFC106N00000220000](#)

English

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

German