

BEDC906NN0000051A000

✓ ACTIVE

TE Internal #: BGC906N0000051A000

Cable-to-Panel, Power, Panel Mount, Blue Chromium, Zinc Alloy, PBT, 17 Shell Size, Shielded, Receptacle, Metal, -20 – 130 °C [-4 – 266 °F]

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Connectors > Circular Connectors > Standard Circular Connectors



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

Sealable: **No**

Circuit Application: **Power**

Connector Mounting Type: **Panel Mount**

Shell Plating Material: **Blue Chromium**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	63 VDC, 630 VDC
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Body Features

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

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	17
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Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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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% 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 # BSA908N0086055A000
917 PLUG, SPEEDTEC



TE Part # C0-0231-000-P00
CRIMPING TOOL SMALL




TE Part # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL




TE Part # C0-0101-000-P00
CRIMPING TOOL SMALL WITH POSITIONER


Customers Also Bought




TE Part #BGC894N0000053A000
917 RECEPTACLE, ANGLED, ROTATABLE




TE Part #NB07306001
HTAT-12/3-0-25MM




TE Part #61-0242-011-P00
CONTACT PIN 2 MM




TE Part #AGC874N0000050A000
617 RECEPTACLE ANGLED ROTATABLE




TE Part #CGE272N00000051000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY




TE Part #61-0253-011-P00
CONTACT PIN 1 MM




TE Part #60-0225-011-000
CONTACT SOCKET 3,6 MM



TE Part #EDA205N00000002000
915 BULKHEAD CONNECTOR



TE Part #C4-0022-000-000
REMOVING TOOL FOR M17 INSULATION INSERTS



TE Part #60-0046-021-P00
BANDOLEER CONTACT SOCKET 2 MM

Documents

- CAD Files
- 3D PDF
- 3D



Customer View Model

[ENG_CVM_CVM_BGC906N0000051A000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BGC906N0000051A000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BGC906N0000051A000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BGC906N0000051A000](#)

English

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

German

Product Specifications

German