



TE Internal #: BGC091N00001200000

Standard Circular Connectors, Cable-to-Panel, Power, Panel Mount, Blue Chromium, Zinc Alloy, PBT+PA, Size 23, Shielded, Receptacle, Metal

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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

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

Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
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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+PA

Mechanical Attachment

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

Circular Connector Shell Size	23
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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
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Circuit Application	Power
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Shielded	Yes
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Industry Standards

UL Flammability Rating	UL 94V-0
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Approved Standards	UL
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC > Threshold:</p> <p>Pb (3.5% in Component)</p> <p>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.</p>
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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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



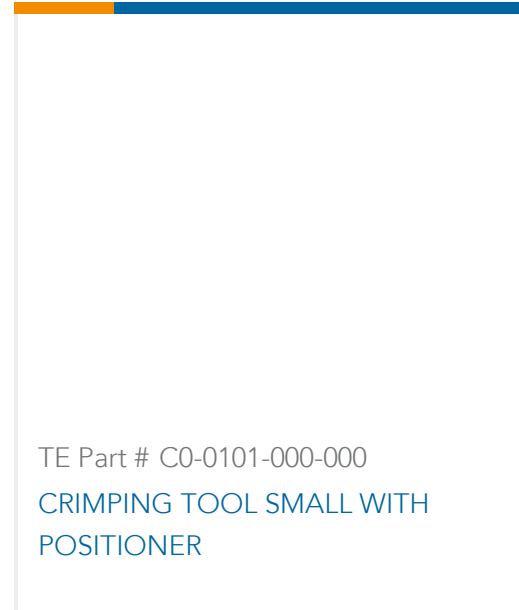
TE Part # BSA082N00420235000
923 PLUG



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 # C0-0101-000-000
CRIMPING TOOL SMALL WITH POSITIONER



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



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



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

Customers Also Bought



TE Part #60-0159-011-000
CONTACT SOCKET 1 MM



TE Part #61-0197-011-000
CONTACT PIN 2 MM



TE Part #AGC052N00001200000
623 RECEPTACLE ANGLED ROTATABLE



TE Part #AGC139N00001100000
623 RECEPTACLE ANGLED ROTATABLE



TE Part #AEA113N00000201000
623 RECEPTACLE, SPEEDTEC-READY



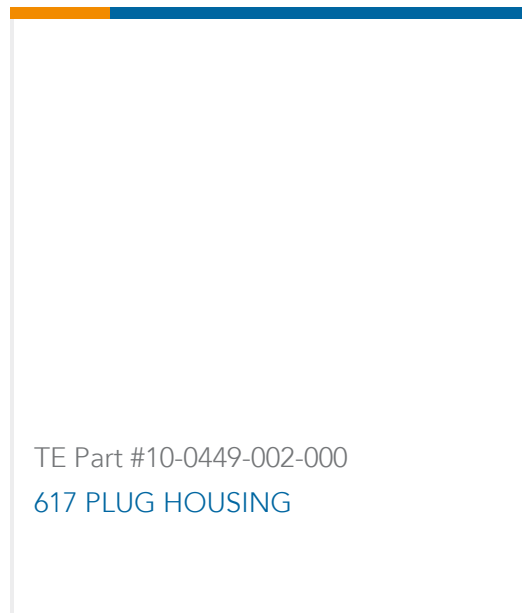
TE Part #ASA035N00600235000
623 PLUG



TE Part #BGC106N00001200000
923 RECEPTACLE, ANGLED, ROTATABLE



TE Part #DEA003N00000001000
958 RECEPTACLE



Documents

Product Drawings

923 RECEPTACLE, ANGLED, ROTATABLE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_BGC091N00001200000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BGC091N00001200000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BGC091N00001200000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

BGC091N00001200000

English

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

German

Product Specifications

German