



TE Internal #: BKA199N00420202000

Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Size 23, Shielded, Metal

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Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Sealable: **No**

Circuit Application: **Power**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
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Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT+PA

Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size	23
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Dimensions

Cable Diameter Range	9.5 - 14.5 mm[.37 - .57 in]
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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 2024 (240) 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

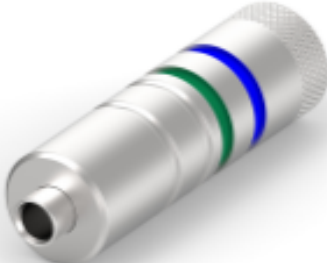
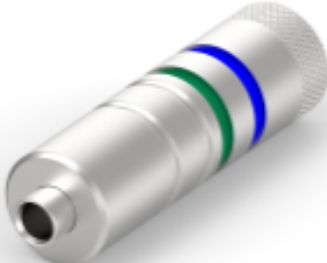
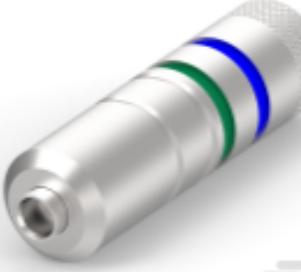
Product Compliance Disclaimer

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

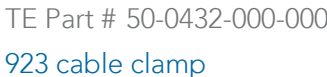
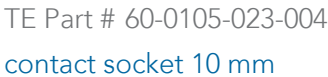
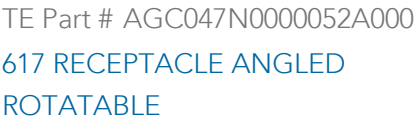


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # BSA078N00420235000 923 PLUG	 TE Part # C0-0201-000-000 CRIMPING TOOL MID-SIZE	 TE Part # C0-0236-000-000 DIGITAL CRIMPING TOOL, MID SIZE	 TE Part # C0-0004-000-000 POSITIONING INSERT FOR 2 MM CONTACTS
 TE Part # C0-0009-000-000 POSITIONING INSERT FOR 2 MM CONTACTS	 TE Part # C0-0252-000-000 POSITIONING INSERT FOR 1 MM CONTACTS		

Customers Also Bought

 TE Part # AGC874N0000150A000 617 RECEPTACLE ANGLED ROTATABLE	 TE Part # BEA120N00000200000 923 RECEPTACLE, SPEEDTEC-READY	 TE Part # CEA270N00000051000 940 RECEPTACLE, SPEEDTEC-READY	 TE Part # EKA201N00330500000 915 EXTENSION
 TE Part # PSA001F25420001000 923 SINGLETEC PLUG	 TE Part # 50-0432-000-000 923 cable clamp	 TE Part # 60-0105-023-004 contact socket 10 mm	 TE Part # AGC047N0000052A000 617 RECEPTACLE ANGLED ROTATABLE



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BKA199N00420202000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BKA199N00420202000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BKA199N00420202000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BKA199N00420202000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German