



TE Internal #: BKA199N00420200000

Standard Circular Connectors, Cable-to-Cable, Power & Signal,
Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,
PBT GF, Size 23

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Connectors > Circular Connectors > Standard Circular Connectors



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

Sealable: **No**

Circuit Application: **Power & Signal**

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

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	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 GF

Mechanical Attachment

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



Housing Features

Circular Connector Shell Size	23
Alignment Keyed	0°

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 & Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Approved Standards	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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.5% in COMPONENT PART) 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

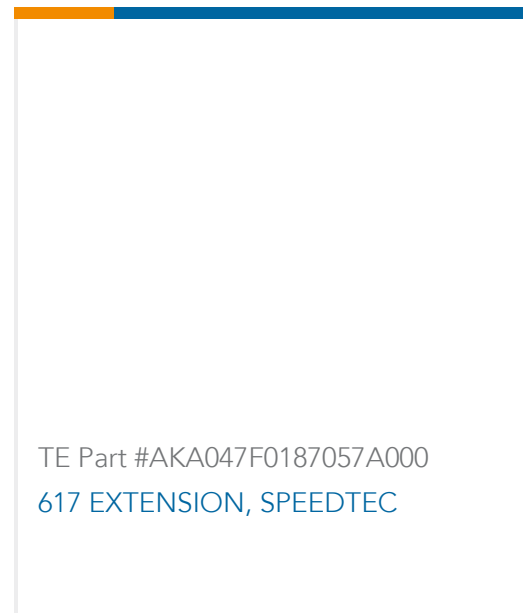
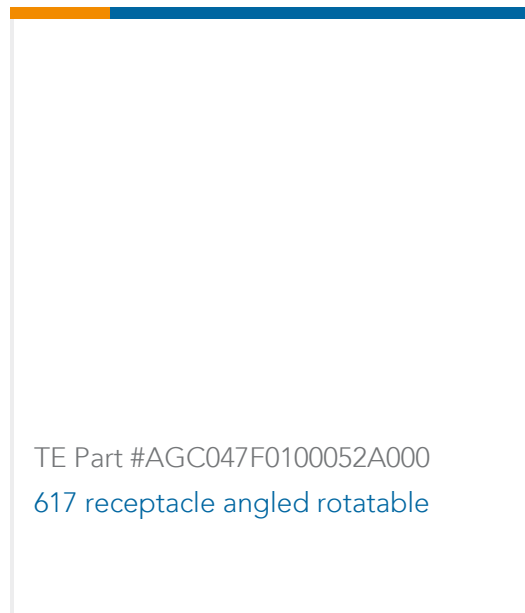
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

 <p>TE Part # BDA108N00000150000 923 BULKHEAD CONNECTOR</p>	 <p>TE Part # BSA078N00420235000 923 PLUG</p>	 <p>TE Part # BSD078N00420235000 923 PLUG</p>	 <p>TE Part # C0-0004-000-000 POSITIONING INSERT FOR 2 MM CONTACTS</p>
 <p>TE Part # C0-0009-000-000 POSITIONING INSERT FOR 2 MM CONTACTS</p>	 <p>TE Part # C0-0201-000-000 CRIMPING TOOL MID-SIZE</p>	 <p>TE Part # C0-0236-000-000 DIGITAL CRIMPING TOOL, MID SIZE</p>	 <p>TE Part # C0-0252-000-000 POSITIONING INSERT FOR 1 MM CONTACTS</p>

Customers Also Bought

 <p>TE Part #61-0021-011-000 CONTACT PIN 2 MM</p>	 <p>TE Part #ASA021N00100235000 623 PLUG</p>	 <p>TE Part #ASA035N00620235000 623 PLUG</p>	 <p>TE Part #BSA078N00420235000 923 PLUG</p>
 <p>TE Part #BSA108N00420236000 923 PLUG, SHORT</p>	 <p>TE Part #ASA046M0487050A000 617 PLUG, SPEEDTEC</p>	 <p>TE Part #8B-0048-001-000 617/917 METAL PROTECTION CAP RECEPTACLE</p>	 <p>TE Part #BEA120M11000241000 923 RECEPTACLE, SPEEDTEC-READY</p>



Documents

Product Drawings

923 EXTENSION, SPEEDTEC-READY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_BKA199N00420200000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA199N00420200000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA199N00420200000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

BKA199N00420200000

English

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

German

Product Specifications

German