



TE Internal #: BKA199N00420100000  
Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging),  
Electrodeposited Nickel, Zinc Alloy, PBT GF, Shell Size 23,  
Shielded, 0° Alignment Keyed  
[View on TE.com >](#)

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

Electrical Characteristics

Operating Voltage	250 VDC, 630 VDC
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Dimensions

Cable Diameter Range	9.5 – 14.5 mm[.37 – .57 in]
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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)



Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power & Signal
Shielded	Yes

Product Type Features

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

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	0°

Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.5% in Component) <b>Article Safe Usage Statements:</b> 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

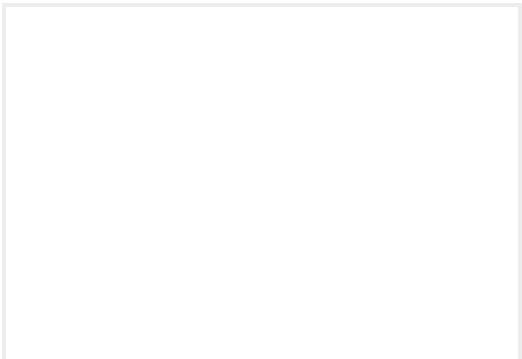


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # C0-0009-000-000  
POSITIONING INSERT FOR 2 MM CONTACTS




TE Part # C0-0236-000-P00  
DIGITAL CRIMPING TOOL, MID SIZE




TE Part # C0-0004-000-000  
POSITIONING INSERT FOR 2 MM CONTACTS



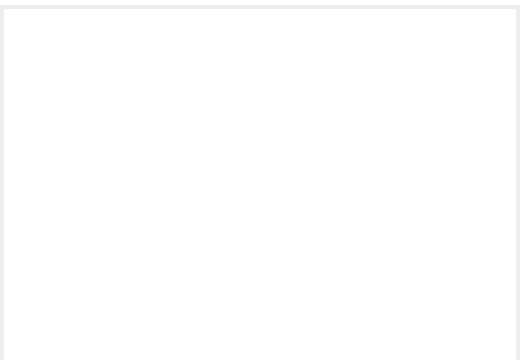
TE Part # BSA078N00420100000  
923 PLUG, SPEEDTEC




TE Part # C0-0252-000-000  
POSITIONING INSERT FOR 1 MM CONTACTS



TE Part # BSA108N00420136000  
923 PLUG, SHORT, SPEEDTEC



TE Part # C0-0201-000-P00  
CRIMPING TOOL MID-SIZE



TE Part # BDA108N00000050000  
923 BULKHEAD CONNECTOR

Customers Also Bought



TE Part #2120432-3  
CRIMP SLEEVE



TE Part #CSA264N00440020000  
940 PLUG, SPEEDTEC



TE Part #AKA034N00610200000  
623 EXTENSION, SPEEDTEC-READY



TE Part #BEA854N0000150A000  
917 RECEPTACLE, SPEEDTEC-READY





TE Part #BSA078N00590100000  
923 PLUG, SPEEDTEC



TE Part #EEA201N00000508000  
915 ITEC RECEPTACLE



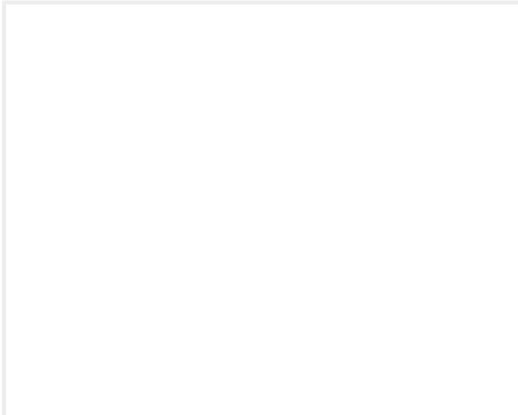
TE Part #61-0252-011-P00  
CONTACT PIN 0.6 MM



TE Part #61-0231-011-P00  
CONTACT PIN 1 MM



TE Part #60-0023-011-P00  
CONTACT SOCKET 2 MM



TE Part #61-0249-001-P00  
615 CODING PIN

Documents

Product Drawings

923 EXTENSION, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BKA199N00420100000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA199N00420100000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA199N00420100000\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

BKA199N00420100000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German