



TE Internal #: BKA199N00420100000

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 |
|-------------------|---------|

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] |
|----------------------|------------------------------|

Usage Conditions

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

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) 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 # BDA108N00000050000
923 BULKHEAD CONNECTOR




TE Part # BSA078N00420100000
923 PLUG, SPEEDTEC




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



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



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

Customers Also Bought



TE Part #52924-1
TERMINAL,PIDG SPR SPD 26-22 6



TE Part #60-0278-011-000
CONTACT SOCKET 0.6 MM



TE Part #60-0279-011-000
CONTACT SOCKET 1 MM



TE Part #61-0021-011-000
CONTACT PIN 2 MM



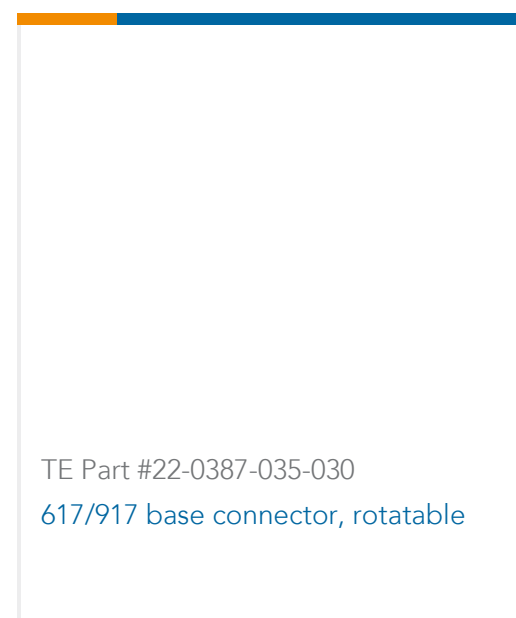
TE Part #AKA012N00410100000
623 EXTENSION, SPEEDTEC



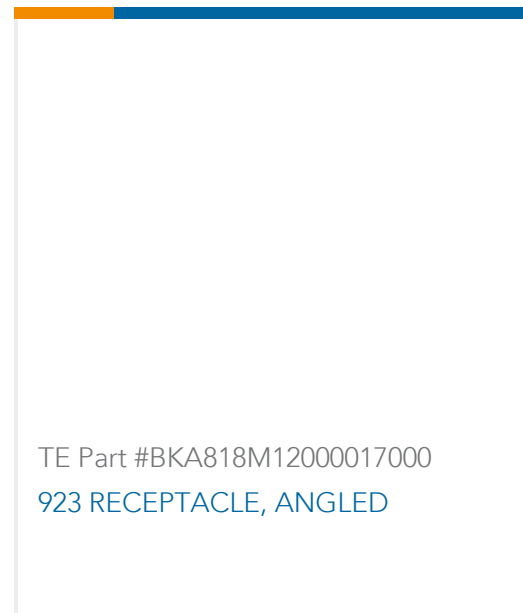
TE Part #BKA199N00420200000
923 EXTENSION, SPEEDTEC-READY



TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC



TE Part #22-0387-035-030
617/917 base connector, rotatable



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

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Datasheets & Catalog Pages

BKA199N00420100000

English

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

German

Product Specifications

German