



Connectors > Circular Connectors > Standard Circular Connectors



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

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

Number of Positions: **6**

Sealable: **No**

Circuit Application: **Power**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	630 VAC
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Body Features

Environmental Protection Type	Sealed
Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy



Circular Connector Insulation Material Type	PBT GF
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Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	0°

Dimensions

Cable Diameter Range	7.5 – 12 mm[.29 – .47 in]
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Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) 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.
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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>

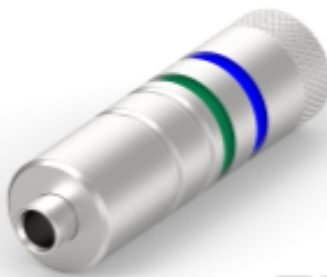
Compatible Parts



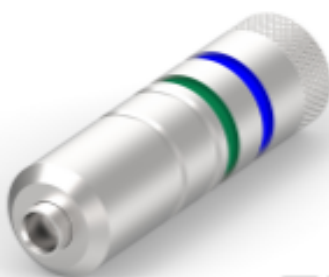
TE Part # BDA107N00000150000  
923 BULKHEAD CONNECTOR




TE Part # BSA085N00480235000  
923 PLUG




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-P00  
CRIMPING TOOL MID-SIZE



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

Customers Also Bought



TE Part #AKA000N00410200000  
623 EXTENSION, SPEEDTEC-READY



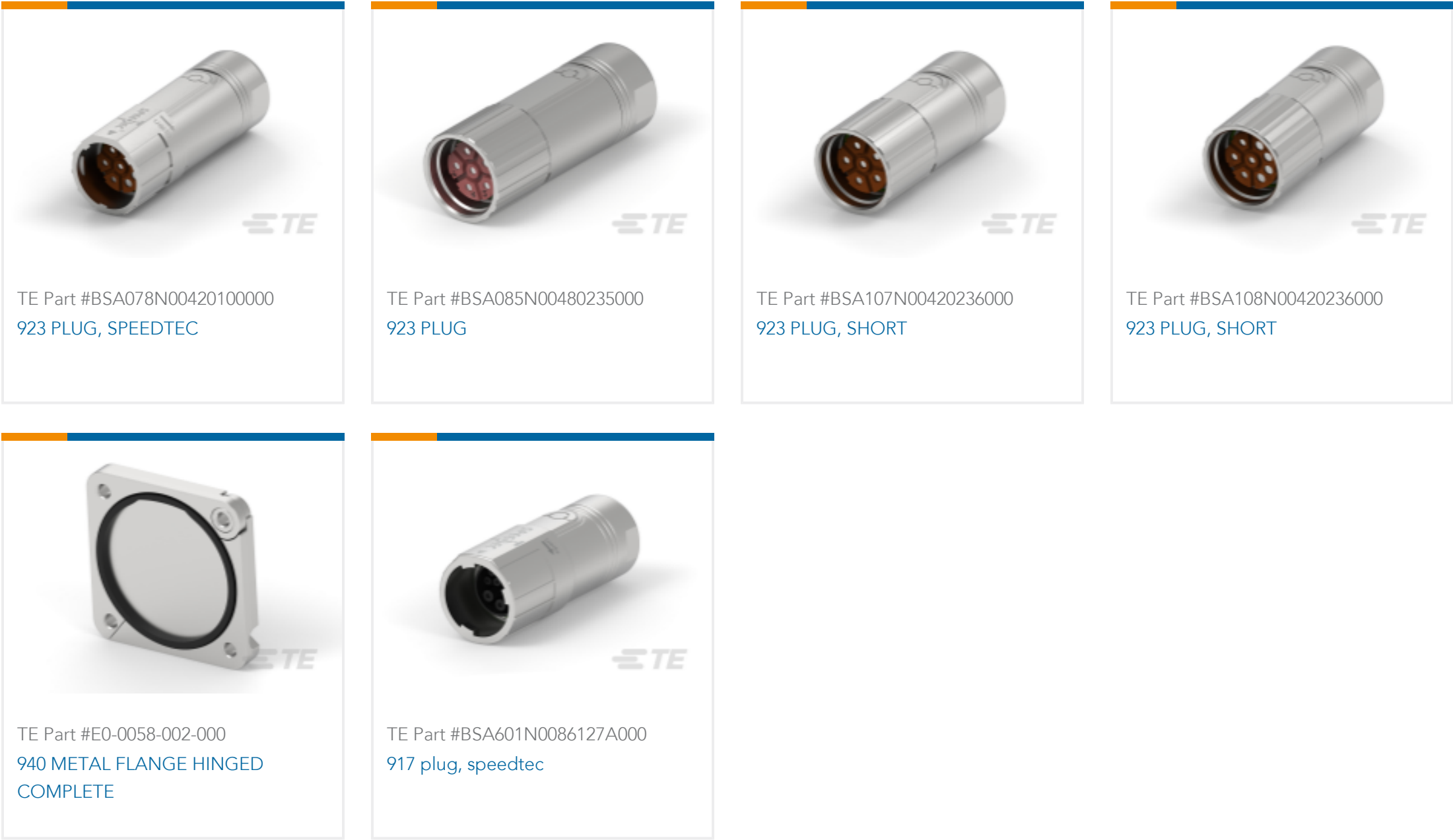
TE Part #AKA000N00620200000  
623 EXTENSION, SPEEDTEC-READY



TE Part #BKA199N00420200000  
923 EXTENSION, SPEEDTEC-READY



TE Part #BKA199N00480200000  
923 EXTENSION, SPEEDTEC-READY



Documents

Product Drawings

923 EXTENSION, SPEEDTEC-READY

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BKA186N00480200000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA186N00480200000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA186N00480200000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

BKA186N00480200000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German