



TE Internal #: BKA145N00420100000

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

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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 & Signal**

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
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.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # BSA082N00420100000 923 PLUG, SPEEDTEC</p>	 <p>TE Part # BSA109N00420136000 923 PLUG, SHORT, SPEEDTEC</p>	 <p>TE Part # C0-0003-000-000 POSITIONING INSERT FOR 1 MM CONTACTS</p>	 <p>TE Part # C0-0004-000-000 POSITIONING INSERT FOR 2 MM CONTACTS</p>
 <p>TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL</p>	 <p>TE Part # C0-0101-000-P00 CRIMPING TOOL SMALL WITH POSITIONER</p>	 <p>TE Part # C0-0201-000-P00 CRIMPING TOOL MID-SIZE</p>	 <p>TE Part # C0-0236-000-P00 DIGITAL CRIMPING TOOL, MID SIZE</p>

Customers Also Bought

 <p>TE Part #60-0227-011-000 CONTACT SOCKET 3,6 MM</p>	 <p>TE Part #BSA082N00420100000 923 PLUG, SPEEDTEC</p>	 <p>TE Part #HSA405N00420100000 723 HTEC PLUG, SPEEDTEC</p>	 <p>TE Part #HSA501N0045100P000 740 PLUG, SPEEDTEC</p>
 <p>TE Part #HGE502N0000100P000 740 RECEPTACLE ANGLED, SPEEDTEC</p>	 <p>TE Part #CSA265F01440001000 940 PLUG</p>	 <p>TE Part #ASA020G13100243000 623 plug</p>	 <p>TE Part #EGC106N00000011000 612/915 YTEC RECEPTACLE, ANGLED</p>

Documents

Product Drawings



923 EXTENSION, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BKA145N00420100000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA145N00420100000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BKA145N00420100000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

BKA145N00420100000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German