



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
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	ECHAによる現在の候補リスト: 2020年1月(205) 候補リストの表記: 2020年1月(205) Pb (3.5% in Component) 安全使用宣言品 この製品を扱うときは、飲食、喫煙をしないでください。取り扱い後はよく洗う。 。可能な場合はリサイクルし、取り扱っている場所に該当するすべての政府規制に従って物品を廃棄します。
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 Model / Part #
BSA082N00420100000
923 PLUG, SPEEDTEC

Customers Also Bought



TE Model / Part #ZPF100000000008726
983-6SE 08-03 SN-L




TE Model / Part #ZPF900000000008639
983-6S 18-08 PN-L-A1263



TE Model / Part #486635-000
222K152-25-G13-0

TE Model / Part #358279-000
382C312-50-01-0



TE Model / Part #013996-000
322W205-25-0




TE Model / Part #ZPF000000000001224
097-0104-16



TE Model / Part #ZPF000000000001263
097-0267-20



TE Model / Part #ZPF000000000001259
097-0266-20



TE Model / Part #620080N004
D-108-12CS948



TE Model / Part #ZPF0000000000017171
DTS 26 K 25-04 BA

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