BKUA145NN00480100000 ACTIVE



TE Internal #: BKA145N00480100000 Standard Circular Connectors, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,

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PBT GF, 23 Shell Size



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	
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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	O°
Dimensions	
Cable Diameter Range	7.5 – 12 mm[.29 – .47 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

UL

Product Compliance

Approved Standards

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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

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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 #
POSITIO

TE Part # C0-0003-000-000
POSITIONING INSERT FOR 1 MM
CONTACTS

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

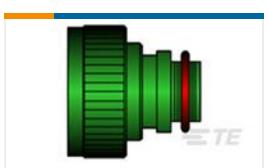
TE Part # C0-0201-000-000
CRIMPING TOOL MID-SIZE

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

TE Part # C0-0235-000-000
DIGITAL CRIMPING TOOL, SMALL

TE Part # C0-0101-000-000
CRIMPING TOOL SMALL WITH
POSITIONER

Customers Also Bought



TE Part #661269-000 TXR21AB00-1605AI



TE Part #ZPF00000000001261 097-0267-16 A1267







TE Part #ZPF000000000007174 983-0RS 08-98 PN



TE Part #YAFD56-14-15SWC019
PLUG ASSY



TE Part #CX1369-000 BSTS-13X4FR/NM



TE Part #CS8624-000 BSTS-15X4FR/NM Standard Circular Connectors, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF, 23 Shell Size







Documents

Product Drawings

923 EXTENSION, SPEEDTEC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BKA145N00480100000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BKA145N00480100000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BKA145N00480100000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BKA145N00480100000

English

Instruction Sheets

Instruction Sheet (non U.S.)

English