BKUA186NN00420200000 ACTIVE



TE Internal #: BKA186N00420200000

6 Position Circular Connector, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,

PBT GF

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors











Number of Positions: 6

Connector System: Cable-to-Cable

Sealable: No

Circuit Application: Power & Signal

Connector Mounting Type: Cable Mount (Free-Hanging)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Power Positions	6
Number of Signal Positions	0
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	630 VDC

Body Features

Environmental Protection	IP67
Environmental Protection Type	Sealed



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)
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	9.5 – 14.5 mm[.37 – .57 in]
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 & 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: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235)



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

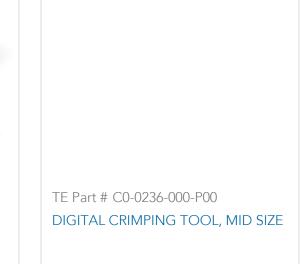
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

















Customers Also Bought

6 Position Circular Connector, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF























Documents

Product Drawings
923 EXTENSION, SPEEDTEC-READY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BKA186N00420200000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BKA186N00420200000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BKA186N00420200000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

6 Position Circular Connector, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF



BKA186N00420200000

English

923 Kupplung IG3 6-pol BKUA186NN00420200000 DE-EN + Umstellungshinweis

German

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German