AKUA020NN00090200000 ✔ ACTIVE

TE Internal #: AKA020N00090200000

Standard Circular Connectors, Cable-to-Cable, 12 Position, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF

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Connectors > Circular Connectors > Standard Circular Connectors







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

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

Number of Positions: **12**

Sealable: **No**

Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Signal Positions	12

Electrical Characteristics

Operating Voltage	160 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	Screw
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Uncoded

Dimensions

Cable Diameter Range	3.5 - 5.6 mm[.14 - .22 in]

Usage Conditions

Operating Temperature Range	-20 - 130 °C[-4 - 266 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	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 2024 (240) 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

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

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

Customers Also Bought



TE Part # 61-0083-011-000
CONTACT PIN 1 MM



TE Part # 61-0196-011-000
CONTACT PIN 3.6 MM



TE Part # AEA086N00000264000
623 RECEPTACLE, SPEEDTEC-READY



TE Part # AKA047N0087058A000
617 EXTENSION, SPEEDTEC



TE Part # ASA046N0085050A000
617 PLUG, SPEEDTEC



TE Part # BEA120N00000200000
923 RECEPTACLE, SPEEDTEC-READY



TE Part # BKA199N00110200000
923 EXTENSION, SPEEDTEC-READY



TE Part # CGE271N00000051000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part # AKA034N00090200000
623 EXTENSION, SPEEDTEC-READY



TE Part # AFC113N00000224000
623 RECEPTACLE, ANGLED

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AKA020N00090200000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AKA020N00090200000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_AKA020N00090200000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

AKA020N00090200000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German