



TE Internal #: AKA020N00750200000

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

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 12

Connector System: Cable-to-Cable

Sealable: No

Circuit Application: Signal

Connector Mounting Type: Cable Mount (Free-Hanging)

Features

Electrical Characteristics

Operating Voltage	160 VDC
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Dimensions

Cable Diameter Range	4.5 – 8.5 mm [.18 – .33 in]
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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

Panel Mount Feature Type	Screw Mount
Mating Retention Type	Screw



Connector Mounting Type	Cable Mount (Free-Hanging)
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Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

Product Type Features

Connector 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

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Uncoded

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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 Compoment part) <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.

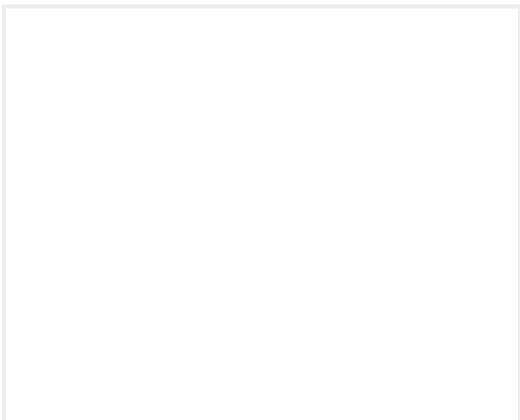


Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability





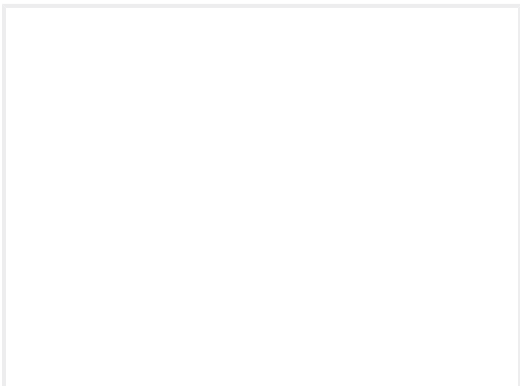
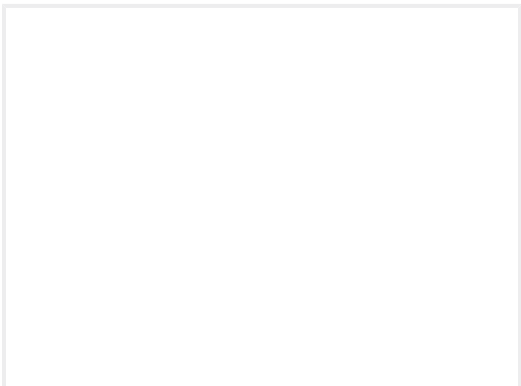
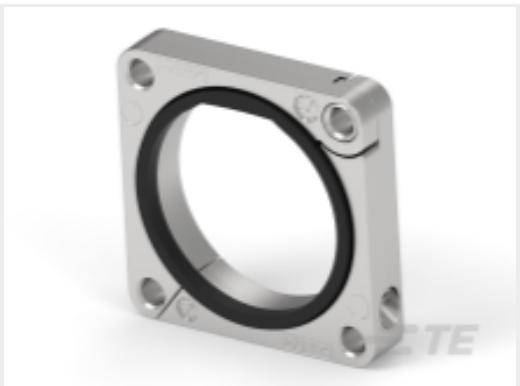
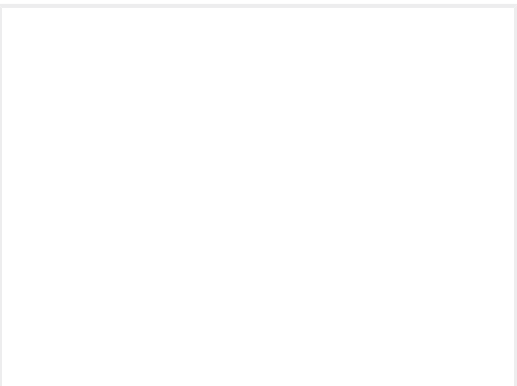
Product Compliance Disclaimer

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

 <p>TE Part # C0-0101-000-P00 CRIMPING TOOL SMALL WITH POSITIONER</p>	 <p>TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL</p>
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Customers Also Bought

 <p>TE Part #BKA199N00420200000 923 EXTENSION, SPEEDTEC-READY</p>	 <p>TE Part #2-1747820-2 DYNAMIC D5300 TAB HSG 4P/YY</p>	 <p>TE Part #AGC000N00001215000 623 RECEPTACLE ANGLED ROTATABLE</p>	 <p>TE Part #ASA020N00390235000 623 PLUG</p>
 <p>TE Part #AKA047N0087152A000 617 extension, speedtec-ready</p>	 <p>TE Part #AUA035N00420150000 623 PLUG, ANGLED</p>	 <p>TE Part #E0-0222-002-P00 923 METAL FLANGE HINGED COMPLETE</p>	 <p>TE Part #80-0031-000-P00 623 CLAMP SEAL</p>

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_AKA020N00750200000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_AKA020N00750200000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_AKA020N00750200000\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

AKUA020NN00750200000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German