AKUA021NN00750200000 ACTIVE



TE Internal #: AKA021N00750200000

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

Connectors

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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	4.5 – 8.5 mm[.18 – .33 in]
Usage Conditions	
Usage Conditions Operating Temperature Range	-20 - 130 °C[-4 - 266 °F]
	-20 – 130 °C[-4 – 266 °F]
Operating Temperature Range	-20 – 130 °C[-4 – 266 °F] 500 Cycles
Operating Temperature Range Operation/Application	
Operating Temperature Range Operation/Application Durability Rating	500 Cycles
Operating Temperature Range Operation/Application Durability Rating Circuit Application	500 Cycles Signal
Operating Temperature Range Operation/Application Durability Rating Circuit Application Shielded	500 Cycles Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

Compatible With Approved Standards Products

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) 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

UL



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-onreach

Compatible Parts



TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL

TE Part # C0-0101-000-P00 CRIMPING TOOL SMALL WITH **POSITIONER**

Customers Also Bought



623 PLUG



TE Part #ASA021N00700235042 623 PLUG, DELIVERY AS INDIVIDUAL **PARTS**



TE Part #ASA046N0085050A000 617 PLUG, SPEEDTEC





TE Part #BKA186N00420200038 923EXTENSION, DELIVERY AS INDIVIDUAL PART



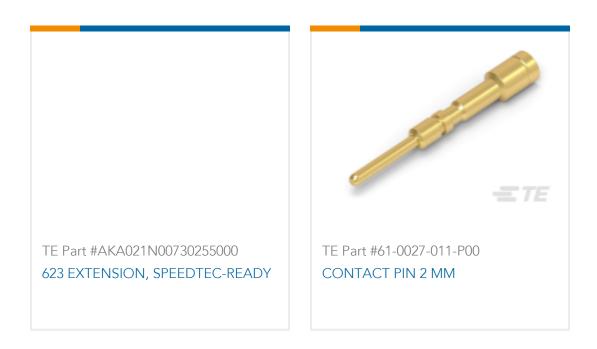
TE Part #CKA267N00440051000 940 EXTENSION, SPEEDTEC-READY



TE Part #EGA002N00000600000 615 ITEC RECEPTACLE, ANGLED







Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AKA021N00750200000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AKA021N00750200000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_AKA021N00750200000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Y6-I705-000-000

English

Product Specifications

German