

**AKUA020NN00750200000**

✓ ACTIVE

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
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Compatible With Approved Standards Products	UL
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### Dimensions

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

Environmental Protection	IP67
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Shell Plating Material	Electrodeposited Nickel
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Shell Base Material	Zinc Alloy
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Circular Connector Insulation Material Type	PBT GF
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### Mechanical Attachment

Panel Mount Feature Type	Screw Mount
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Mating Retention Type	Screw
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## Connector Mounting Type

Cable Mount (Free-Hanging)

## 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]

## 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](http://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 &gt; Threshold:

Pb (3.5% in Component 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

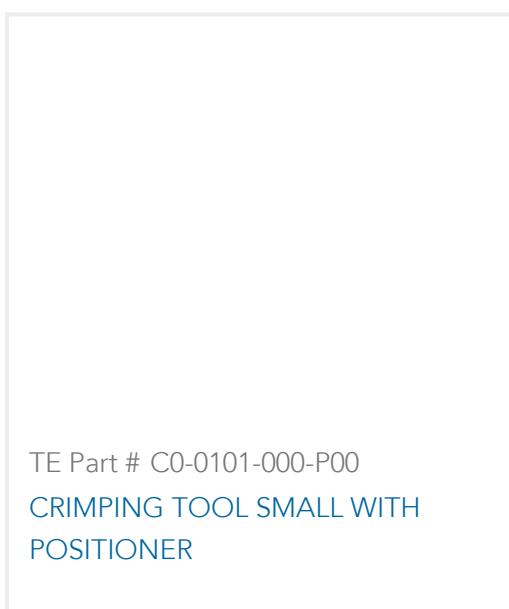
## Solder Process Capability

Not reviewed for solder process capability

## 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-P00  
CRIMPING TOOL SMALL WITH POSITIONER



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

## Customers Also Bought



TE Part #BKA199N00420200000  
923 EXTENSION, SPEEDTEC-READY



TE Part #2-1747820-2  
DYNAMIC D5300 TAB HSG 4P/YY



TE Part #AGC000N00001215000  
623 RECEPTACLE ANGLED ROTATABLE



TE Part #ASA020N00390235000  
623 PLUG



TE Part #AKA047N0087152A000  
617 extension, speedtec-ready



TE Part #AUA035N00420150000  
623 PLUG, ANGLED



TE Part #E0-0222-002-P00  
923 METAL FLANGE HINGED COMPLETE



TE Part #80-0031-000-P00  
623 CLAMP SEAL

## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[AKUA020NN00750200000](#)

English

[fuer Datenblaetter, die online konfigurierbar sind](#)

German

**Product Specifications**

German