

**AKUA558NN00730255000**

✓ ACTIVE

TE Internal #: AKA558N00730255000

Cable-to-Cable, Signal, Cable Mount (Free-Hanging),  
Electrodeposited Nickel, Zinc Alloy, PBT, Size 23, Shielded,  
Standard Circular Connectors

[View on TE.com >](#)[Connectors > Circular Connectors > Standard Circular Connectors](#)Connector System: **Cable-to-Cable**Connector Mounting Type: **Cable Mount (Free-Hanging)**Sealable: **No**Circuit Application: **Signal**Shell Plating Material: **Electrodeposited Nickel**

## Features

### Product Type Features

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

### Electrical Characteristics

Operating Voltage	63 VAC
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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

### Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Circular Connector Shell Size	23
Alignment Keyed	0°

### Dimensions

Cable Diameter Range	9 – 14.3 mm [.35 – .56 in]
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### Usage Conditions

Operating Temperature Range	-20 – 130 °C [-4 – 266 °F]
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### 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](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 > Threshold: Pb (3.5% in Component Part)
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable 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



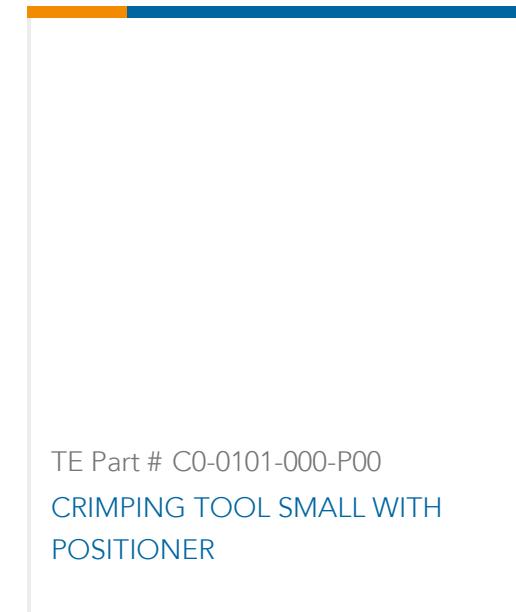
TE Part # ASA559N00730266000  
623 PLUG



TE Part # C0-0048-000-000  
POSITIONING INSERT FOR 1.5 MM CONTACTS



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



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



TE Part # C0-0201-000-P00  
CRIMPING TOOL MID-SIZE



TE Part # C0-0236-000-P00  
DIGITAL CRIMPING TOOL, MID SIZE

## Customers Also Bought



TE Part #AEA876N0000050A000  
617 RECEPTACLE, SPEEDTEC



TE Part #AKA020N00400100000  
623 EXTENSION, SPEEDTEC



TE Part #AKA035N00730255000  
623 EXTENSION, SPEEDTEC-READY



TE Part #ASA558N00730266000  
623 PLUG



TE Part #BSA852N0085055A000  
917 PLUG, SPEEDTEC



TE Part #BSA863N0086201A000  
917 PLUG



TE Part #ADA558N00000156000  
623 BULKHEAD CONNECTOR



TE Part #AKA384N0058035K000  
627 EXTENSION, 26-PIN



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA558N00730255000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA558N00730255000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_AKA558N00730255000\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### AKA558N00730255000

English

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

German

### Product Specifications

German