



Connectors > Circular Connectors > Standard Circular Connectors



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

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

Number of Positions: **17**

Sealable: **No**

Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	17
Number of Power Positions	0
Number of Signal Positions	17
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	63 VAC
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Body Features

Environmental Protection Type	Sealed
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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
Mating Alignment	With
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Housing Features

Circular Connector Shell Size	17
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Dimensions

Cable Diameter Range	6 – 9.5 mm [.23 – .39 in]
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Usage Conditions

IP Water Sealing Level	IP67
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: JUNE 2024 (241)

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

 <p>TE Part # AGC874N0000150A000 617 RECEPTACLE ANGLED ROTATABLE</p>	 <p>TE Part # AGC874N0000151A000 617 RECEPTACLE ANGLED ROTATABLE</p>	 <p>TE Part # AEA874N0000150A000 617 RECEPTACLE, SPEEDTEC-READY</p>	 <p>TE Part # AEA874N0000151A000 617 RECEPTACLE, SPEEDTEC-READY</p>
 <p>TE Part # AKA874N0085151A000 617 EXTENSION, SPEEDTEC-READY</p>	 <p>TE Part # AKA874N0085152A000 617 EXTENSION, SPEEDTEC-READY</p>	<p>TE Part # AEA874N0000152A000 617 RECEPTACLE, SPEEDTEC-READY</p>	<p>TE Part # C0-0231-000-P00 CRIMPING TOOL SMALL</p>



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

Customers Also Bought

TE Part #AGC874N0000150A000
617 RECEPTACLE ANGLED
ROTATABLE

TE Part #AGC874N0000151A000
617 RECEPTACLE ANGLED
ROTATABLE

TE Part #AKA000N00410200000
623 EXTENSION, SPEEDTEC-READY

TE Part #ASA046N0085050A000
617 PLUG, SPEEDTEC

TE Part #BGC906N0000151A000
917 RECEPTACLE, ANGLED,
ROTATABLE

TE Part #BSA085N00480100000
923 PLUG, SPEEDTEC

TE Part #BSA107N00420236000
923 PLUG, SHORT

TE Part #BSA900N0085201A000
917 PLUG

TE Part #BKA199N00000258000
923 EXTENSION, SPEEDTEC-READY

TE Part #BKA199N00580204000
923 EXTENSION, SPEEDTEC-READY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ASA876N0085200A000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ASA876N0085200A000_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_ASA876N0085200A000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ASA876N0085200A000](#)

English

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

German

Product Specifications

German