



Connectors > Circular Connectors > Standard Circular Connectors



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

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

Number of Positions: **9**

Sealable: **No**

Circuit Application: **Power & 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	9
Number of Power Positions	4
Number of Signal Positions	5
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	63 VAC, 630 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+PA

Mechanical Attachment

Mating Retention Type	Push-Pull Self-Locking
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Housing Features

Circular Connector Shell Size	15
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Dimensions

Cable Diameter Range	8.5 – 10.5 mm[.33 – .41 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	Power & 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: JAN 2024 (240)



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


 TE Part # EGA101N00000001000 615/915 YTEC RECEPTACLE, ANGLED	 TE Part # EGA101N00000002000 615/915 YTEC RECEPTACLE, ANGLED	 TE Part # EGA103N00000001000 615/915 YTEC RECEPTACLE, ANGLED	 TE Part # EGA201N00000800000 915 ITEC RECEPTACLE, ANGLED
 TE Part # EKA201N00330500000 915 EXTENSION	 TE Part # EKA201N00330602000 915 EXTENSION	 TE Part # C0-0258-000-000 POSITIONING INSERT FOR 1 MM CONTACTS	 TE Part # EGA201N00000850000 915 ITEC RAR QUICK LOCKING 9POS 21X21
 TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL	 TE Part # C0-0201-000-P00 CRIMPING TOOL MID-SIZE		




Customers Also Bought




TE Part #AEA113D01000201000
623 RECEPTACLE, SPEEDTEC-READY




TE Part #ASA035N00410235000
623 PLUG



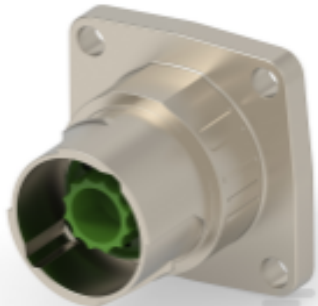
TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC




TE Part #BSA108N00420236000
923 PLUG, SHORT



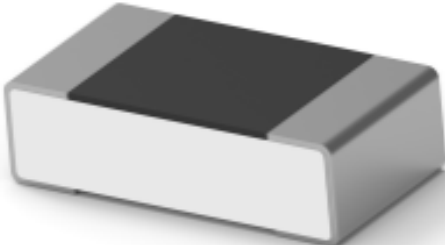
TE Part #CSA264N00450001000
940 PLUG



TE Part #EEA001N00000002000
615 ITEC RECEPTACLE



TE Part #ESA002N00320001000
615 EXTENSION



TE Part #5-2176366-6
RQ 0603 1K62 0.1% 10PPM 1K RL

TE Part #AEA034N00000259000
623 RECEPTACLE, SPEEDTEC-READY

TE Part #ESA205F03340003000
915 PLUG

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ESA202N00330500000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ESA202N00330500000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ESA202N00330500000_A.3d_stp.zip

English

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

- Datasheets & Catalog Pages

ESA202N00330500000

English



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

German