



TE Internal #: EKB001N00310001000  
Cable-to-Cable, Signal, Cable Mount (Free-Hanging),  
Electrodeposited Nickel, Zinc Alloy, PBT+PA, Size 15, Shielded,  
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)**  
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	All Plastic

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+PA

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	15
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Dimensions

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Cable Diameter Range	4.5 – 6.5 mm[.18 – .26 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>

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) <b>Article Safe Usage Statements:</b> 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 # ESB002N00310001000 615 PLUG	 TE Part # C0-0258-000-000 POSITIONING INSERT FOR 1 MM CONTACTS	 TE Part # C0-0201-000-P00 CRIMPING TOOL MID-SIZE	 TE Part # C0-0235-000-P00 DIGITAL CRIMPING TOOL, SMALL
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Customers Also Bought

 TE Part #1827587-2 DYNAMIC D1000 REC CONT M AU 0.38um L/P	 TE Part #1-1827579-1 DYNAMIC 1500T REC HSG 3P X BLACK	 TE Part #BEA120N00000200000 923 RECEPTACLE, SPEEDTEC-READY	 TE Part #CEA270N00000051000 940 RECEPTACLE, SPEEDTEC-READY
 TE Part #CEA271N00000051000 940 RECEPTACLE, SPEEDTEC-READY	 TE Part #PSA001N00590001000 923 SINGLETEC PLUG	 TE Part #61-0231-011-P00 CONTACT PIN 1 MM	 TE Part #2260269-1 F07A APF PLUG CABLE ASSY L150
 TE Part #353199-4 F07A PCF PLUG CA ASSY L=5000	 TE Part #ESA202N00320500000 915 PLUG		

Documents

- [CAD Files](#)  
[3D PDF](#)  
3D  
Customer View Model  
[ENG\\_CVM\\_CVM\\_EKB001N00310001000\\_A.2d\\_dxf.zip](#)  
English  
Customer View Model



[ENG\\_CVM\\_CVM\\_EKB001N00310001000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_EKB001N00310001000\\_A.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[EKB001N00310001000](#)

English

[615 Extension EKUB001NN00310001000](#)

English

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

German