



TE Internal #: ESB002N00310001000
 Standard Circular Connectors, Cable-to-Cable, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Size 15, Shielded, Plug

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
 Sealable: **No**
 Circuit Application: **Signal**
 Connector Mounting Type: **Cable Mount (Free-Hanging)**
 Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
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
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Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size

15

Dimensions

Cable Diameter Range

4.5 – 6.5 mm [.18 – .26 in]

Usage Conditions

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

Approved Standards

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 2023 (235)
Candidate List Declared Against: JUNE 2022 (224)
SVHC > 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


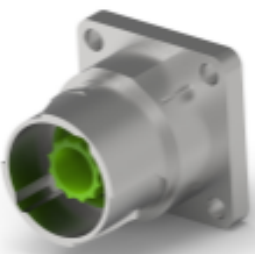




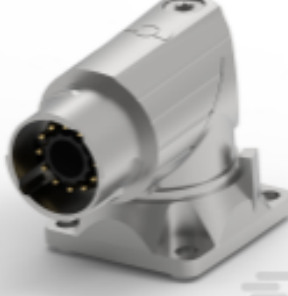
Not reviewed for solder process capability

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

 <p>TE Part # 60-0252-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # EEA001N00000001000 615 ITEC RECEPTACLE</p>	 <p>TE Part # EKB001N00310001000 615 EXTENSION</p>	 <p>TE Part # C0-0201-000-000 CRIMPING TOOL MID-SIZE</p>
 <p>TE Part # C0-0235-000-000 DIGITAL CRIMPING TOOL, SMALL</p>	 <p>TE Part # C0-0258-000-000 POSITIONING INSERT FOR 1 MM CONTACTS</p>	 <p>TE Part # EGA001N00000651000 615 itec receptacle angl rotatable 25x25</p>	

Customers Also Bought

 <p>TE Part #60-0216-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part #60-0251-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part #60-0252-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part #ASA876N0085200A000 617 PLUG</p>
 <p>TE Part #BSA078N00590100000 923 PLUG, SPEEDTEC</p>	 <p>TE Part #BSA107N00420236000 923 PLUG, SHORT</p>	 <p>TE Part #ESB202N00320500000 915 PLUG</p>	 <p>TE Part #ESB202N00330500000 915 PLUG</p>



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_ESB002N00310001000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESB002N00310001000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESB002N00310001000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

German

[ESB002N00310001000](#)

English

[615 Plug ESTB002NN00310001000](#)

English