



TE Internal #: ESB205N00330003000
 Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Size 15, Shielded, Plug

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
 Sealable: **No**
 Circuit Application: **Power**
 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	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+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

8.5 – 10.5 mm [.33 – .41 in]

Usage Conditions

Operating Temperature Range

-20 – 130 °C [-4 – 266 °F]

Operation/Application

Durability Rating

500 Cycles

Circuit Application

Power

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: JAN 2023 (233)
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 # 60-0251-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # 60-0252-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # 60-0265-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # EGA204N00000600000 915 ITEC RECEPTACLE, ANGLED</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 # EGC204N00000651000 615 itec receptacle angl rotatable 25x25</p>

Customers Also Bought

 <p>TE Part #60-0278-011-000 CONTACT SOCKET 0.6 MM</p>	 <p>TE Part #ASA035N00410100000 623 PLUG, SPEEDTEC</p>	 <p>TE Part #ASA876N0085050A000 617 PLUG, SPEEDTEC</p>	 <p>TE Part #BEA127N00000205000 923 RECEPTACLE, SPEEDTEC-READY</p>
 <p>TE Part #PSA001N0085050A000 917 SINGLETEC PLUG</p>	<p>TE Part #AKA022N00410200000 623 EXTENSION, SPEEDTEC-READY</p>	<p>TE Part #BSA900N0085201A000 917 PLUG</p>	<p>TE Part #10-0666-002-000 923 LOCKTEC PLUG HOUSING</p>



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_ESB205N00330003000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESB205N00330003000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESB205N00330003000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

German

[ESB205N00330003000](#)

English