



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

[View on TE.com >](#)

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
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](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUN 2020 (209)  
Candidate List Declared Against: JAN 2020 (205)  
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 # 60-0265-011-000  
CONTACT SOCKET 1 MM



TE Part # EGA204N00000600000  
915 ITEC RECEPTACLE, ANGLED



TE Part # 60-0251-011-000  
CONTACT SOCKET 1 MM



TE Part # 60-0252-011-000  
CONTACT SOCKET 1 MM

TE Part # C0-0258-000-000  
POSITIONING INSERT FOR 1 MM CONTACTS

TE Part # C0-0201-000-000  
CRIMPING TOOL MID-SIZE

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



TE Part # EGA204N00000651000  
615 itec receptacle angl rotatable 25x25



TE Part # EGA204N00000652000  
615 itec receptacle angl rotatable 28x28



TE Part # EGC204N00000651000  
615 itec receptacle angl rotatable 25x25



TE Part # EGC204N00000652000  
615 itec receptacle angl rotatable 28x28

## Customers Also Bought



TE Part #ASA874N0085200A000  
617 PLUG



TE Part #ASB000N00620216000  
623 PLUG



TE Part #AGC874N0000150A000  
617 RECEPTACLE ANGLED ROTABLE

## 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

[ESB205N00330003000](#)

English

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English