



TE Internal #: ESB202N00320500000

Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF, 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	630 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 GF

### 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

Alignment Keyed

0°

### Dimensions

Cable Diameter Range

6.5 – 8.5 mm [.26 – .33 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

EU ELV Directive 2000/53/EC

Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUN 2020 (209)  
Candidate List Declared Against: JUN 2020 (209)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 # EEA201N00000500000  
915 ITEC RECEPTACLE



TE Part # EKB201N00320500000  
915 EXTENSION



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



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

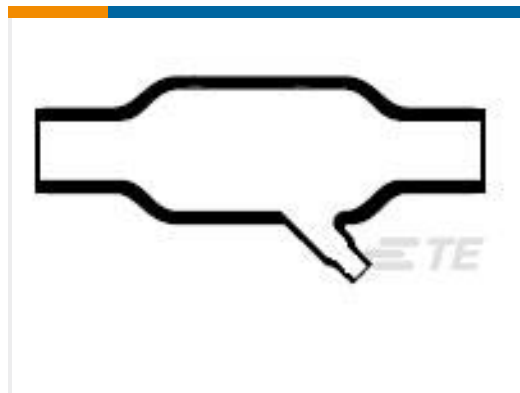


TE Part # C0-0235-000-000  
DIGITAL CRIMPING TOOL, SMALL

## Customers Also Bought



TE Part #1747464-1  
MICRO MOTER ENCODER IO KIT W /O



TE Part #E75778-000  
342A012-100-G05/86-0



TE Part #1-1376009-1  
H-HDR ASSY 8P FOR SEQUENTIAL T



TE Part #1318985-6  
DYNAMIC D-5 REC CONT SS FORM



TE Part #8364194001  
Single Wall CGPT Spool Heat Shrink Tubin



TE Part #1-776230-2  
AMPSEAL HEADERS



TE Part #ESB002N00320001000  
615 PLUG



TE Part #CKA267N00250051000  
940 EXTENSION, SPEEDTEC-READY



## Documents

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ESB202N00320500000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ESB202N00320500000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ESB202N00320500000\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[915 Plug ESTB202NN00320500000](#)

English

[ESB202N00320500000](#)

English

### Instruction Sheets

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

English