



TE Internal #: EKB201N00310500000  
 Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, 15 Shell Size, Shielded

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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
Connector System	Cable-to-Cable
Sealable	No
Shell Type	Metal

### Electrical Characteristics

Operating Voltage	63 VAC, 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+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

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
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Circuit Application	Power
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Shielded	Yes
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### Industry Standards

UL Flammability Rating	UL 94V-0
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Approved Standards	UL
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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#### 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 # ESB202N00310500000  
915 PLUG

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 #1-499252-1  
Bus Connector: Strain Relief, ATA



TE Part #T4152124004-001  
M12 A-CODE MS-FR DOUBLE ENDED CABLE



TE Part #880458-1  
ELETRO TAP ASSY



TE Part #CSA265N00450001000  
940 PLUG



TE Part #EKB001N00310001000  
615 EXTENSION



TE Part #ASA558N00610235000  
623 PLUG



TE Part #1-2040516-5  
DYNAMIC 1100D HDR ASSY V 10PX BLACK GOLD



TE Part #62500-2  
250 FAST RCPT 18-14 017TPBR



TE Part #2-2151018-1  
OCEAN\_2.0\_APPLICATOR-S-090F110F



TE Part #7-2151018-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F110F

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_EKB201N00310500000\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_EKB201N00310500000\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_EKB201N00310500000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[915 Extension EKUB201NN00310500000](#)

English

[EKB201N00310500000](#)

English

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### Instruction Sheets

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

English