



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

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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
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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (3.5% in component)</p> <p>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.</p>
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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 # C0-0201-000-000
CRIMPING TOOL MID-SIZE

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



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

Customers Also Bought



TE Part #1-1827579-1
DYNAMIC 1500T REC HSG 3P X BLACK



TE Part #61-0141-011-000
CONTACT PIN 1 MM



TE Part #ESA202N00340500000
915 PLUG



TE Part #ESB002N00310001000
615 PLUG



TE Part #ESB202N00310500000
915 PLUG



TE Part #BSA863N0085055A000
917 PLUG, SPEEDTEC



TE Part #BKA861N0085059A000
917 EXTENSION, SPEEDTEC

TE Part #BKA878N0086059A000
917 extension, speedtec



TE Part #BKA880N0086059A000
917 EXTENSION, SPEEDTEC

TE Part #EKB201N00320602000
915 EXTENSION

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

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

German

[EKB201N00310500000](#)

English