



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

Electrical Characteristics

Operating Voltage	63 VDC
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Dimensions

Cable Diameter Range	8.5 – 10.5 mm[.33 – .41 in]
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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)



Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power
Shielded	Yes

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
Shell Type	Metal

Housing Features

Circular Connector Shell Size	15
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Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL

TE Part # EGA204N00000600000
915 ITEC RECEPTACLE, ANGLED

TE Part # EGC204N00000651000
615 itec receptacle angl rotatable 25x25

TE Part # 60-0251-011-P00
CONTACT SOCKET 1 MM

TE Part # C0-0201-000-P00
CRIMPING TOOL MID-SIZE

TE Part # EKB204N00330003000
915 EXTENSION

TE Part # EKB204N00330103000
915 extension

TE Part # 60-0265-011-P00
CONTACT SOCKET 1 MM

TE Part # 60-0252-011-P00
CONTACT SOCKET 1 MM

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

Customers Also Bought



TE Part #ASA876N0085050A000
617 PLUG, SPEEDTEC



TE Part #BKA186N00420200000
923 EXTENSION, SPEEDTEC-READY



TE Part #ASA035F01620235000
623 PLUG



TE Part #BKA854N0086155A000
917 EXTENSION, SPEEDTEC-READY



TE Part #BSA078N00550235000
923 PLUG



TE Part #60-0251-011-P00
CONTACT SOCKET 1 MM



TE Part #60-0252-011-P00
CONTACT SOCKET 1 MM



TE Part #60-0205-011-P00
CONTACT SOCKET 0.6 MM



TE Part #ESA202F01340500000
915 PLUG



TE Part #60-0046-021-P00
BANDOLEER CONTACT SOCKET 2 MM

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

fuer Datenblaetter, die online konfigurierbar sind

German

ESTB205NN00330003000

Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Shell Size 15, Shielded, Plug, Metal

