



TE Internal #: ESA002N00310001000
 Standard Circular Connectors, Cable-to-Cable, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Size 15, Shielded, Plug

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
 Sealable: **No**
 Circuit Application: **Signal**
 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
Circular Connector Type	Plug
Shell Type	Metal

Electrical Characteristics

Operating Voltage	63 VAC
-------------------	--------

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

Dimensions

Cable Diameter Range 4.5 – 6.5 mm [.18 – .26 in]

Usage Conditions

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

Operation/Application

Durability Rating 500 Cycles

Circuit Application Signal

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 Compliant with Exemptions

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: JUNE 2023 (235)
 Candidate List Declared Against: JUNE 2022 (224)
 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>

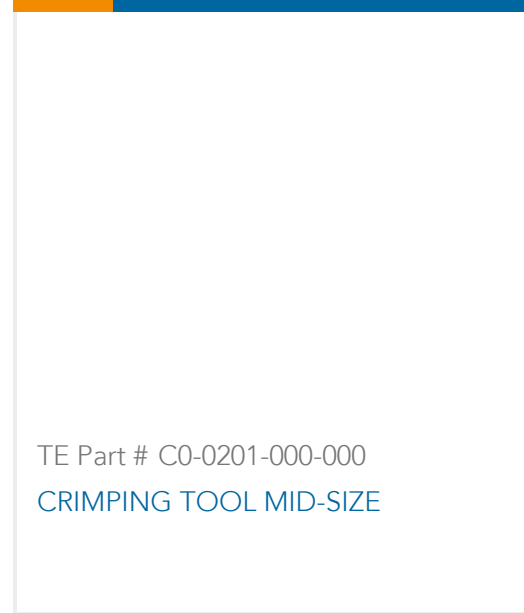
Compatible Parts



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



TE Part # ESB001N00310001000
615 PLUG



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



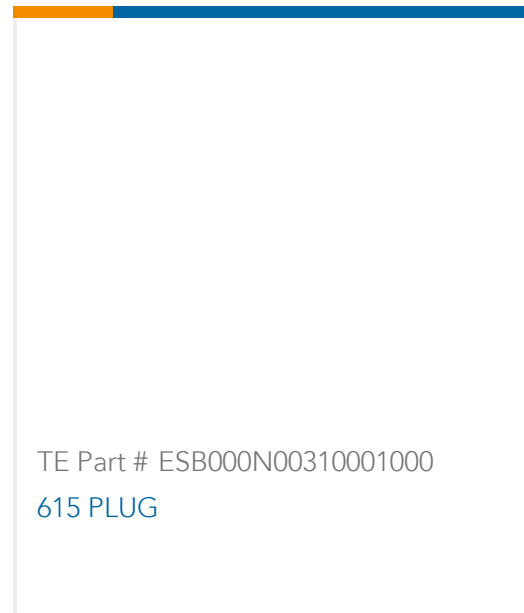
TE Part # C0-0235-000-000
DIGITAL CRIMPING TOOL, SMALL



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

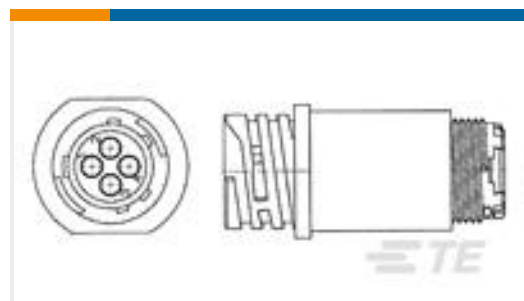


TE Part # EGA001N00000651000
615 itec receptacle angl rotatable 25x25



TE Part # ESB000N00310001000
615 PLUG

Customers Also Bought




TE Part #788159-2
SLD CPC RCPT ASSY,13-9,STD SEX



TE Part #5-1393224-8
RY212024



TE Part #66098-4
III+ PIN,18-16,30AU/FL,STRIP



TE Part #5748678-5
2 PC PLST CBL CLMP KIT



TE Part #1-1393231-1
RP412012



TE Part #60-0334-0B2-000
CONTACT SOCKET 1 MM



TE Part #CSA264N00450020000
940 PLUG, SPEEDTEC



TE Part #ESA002N00320001000
615 EXTENSION



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_ESA002N00310001000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESA002N00310001000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ESA002N00310001000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

German

[ESA002N00310001000](#)

English