



Snap-Lug

TE Internal #: 2828522-8
Connector Kit, Receptacle, Crimp, Bus Bar-to-Wire, Silver (Ag), 1
Position, 1500 VAC, Sealable, Rectangular Wire & Cable
Connectors & Housings

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Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Kit**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Bus Bar-to-Wire**
Contact Mating Area Plating Material: **Silver (Ag)**

Features

Product Type Features

Connector Product Type	Connector Kit
Connector & Housing Type	Receptacle
Connector System	Bus Bar-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	1
Number of Positions	1

Electrical Characteristics

Operating Voltage	1500 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	8.25 μm[325 μin]
Contact Layout	Circular
Contact Type	Socket



Contact Mating Area Plating Material	Silver (Ag)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	275 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Thermoplastic
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Dimensions

Connector Width	35.8 mm[1.41 in]
Connector Height	27.81 mm[1.09 in]
Wire Size	3/0 AWG
Connector Length	22.86 mm[.9 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Package
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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
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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Contact/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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable 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



Customers Also Bought



Documents

Product Drawings
KIT,SOCKET, SNAP-LUG, 3/0, BLACK

English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_2828522-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2828522-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2828522-8_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[COPALUM Lite Sealed Terminals and Splices](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English