



Snap-Lug

TE Internal #: 2828522-7  
Busbar Connectors, Wire-to-Bus Bar, 1 Position, Sealable, Wire & Cable, Thermoplastic, Red, Package, Copper, Receptacle, 000 AWG Wire Size, Normal

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Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



Connector System: Wire-to-Bus Bar  
Number of Positions: 1  
Sealable: Yes  
Connector & Contact Terminates To: Wire & Cable  
Housing Material: Thermoplastic

Features

Product Type Features

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

Configuration Features

|                                 |        |
|---------------------------------|--------|
| Number of Positions             | 1      |
| Mating & Unmating Configuration | Normal |

Body Features

|                                  |             |
|----------------------------------|-------------|
| Cable Connector Orientation      | Right Angle |
| Bus Bar Contact Plating Material | Tin         |

Contact Features

|                              |               |
|------------------------------|---------------|
| Contact Base Material        | Copper        |
| Contact Current Rating (Max) | 250 A         |
| Contact Length               | 50.8 mm[2 in] |
| Bus Bar Contact Style        | CROWN BAND    |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



Mechanical Attachment

|                                      |         |
|--------------------------------------|---------|
| Bus Bar Connector Mounting Retention | Without |
|--------------------------------------|---------|

Housing Features

|                  |               |
|------------------|---------------|
| Housing Material | Thermoplastic |
| Housing Color    | Red           |

Dimensions

|           |         |
|-----------|---------|
| Wire Size | 000 AWG |
|-----------|---------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 150 °C[-85 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (4% in Contact/Component)<br><b>Article Safe Usage Statements:</b><br>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 Halogen - Br, Cl, F, I < 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



## Documents

### Product Drawings

KIT,SOCKET, SNAP-LUG, 3/0, RED

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2828522-7\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2828522-7\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2828522-7\_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.)



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English