



Connectors > Power Connectors > Busbar Connectors



Connector System: **Bus Bar-to-Bus Bar**  
Number of Positions: **1**  
Connector & Contact Terminates To: **Bus Bar, Printed Circuit Board**  
Mating Conductor Thickness: **3.18 mm [ .125 in ]**  
Housing Material: **Stainless Steel**

Features

Product Type Features

|                                   |                                |
|-----------------------------------|--------------------------------|
| Connector & Housing Type          | Receptacle                     |
| Connector System                  | Bus Bar-to-Bus Bar             |
| Connector & Contact Terminates To | Bus Bar, Printed Circuit Board |

Configuration Features

|                                 |             |
|---------------------------------|-------------|
| Number of Positions             | 1           |
| PCB Mount Orientation           | Right Angle |
| Mating & Unmating Configuration | Normal      |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Body Features

|                                  |        |
|----------------------------------|--------|
| Bus Bar Contact Plating Material | Silver |
|----------------------------------|--------|

Contact Features

|  |                  |
|--|------------------|
| Contact Underplating Material Thickness        | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness | 6.35 µm[250 µin] |
| Contact Shape & Form                           | 3-Beam           |
| Contact Underplating Material                  | Nickel           |
| Contact Base Material                          | Copper Alloy     |
| Contact Current Rating (Max)                   | 500 A            |



|                       |                  |
|-----------------------|------------------|
| Contact Length        | 49.8 mm[1.96 in] |
| Bus Bar Contact Style | Socket           |

Termination Features

|                           |                      |
|---------------------------|----------------------|
| Termination Method to PCB | Through Hole - Screw |
|---------------------------|----------------------|

Mechanical Attachment

|                                      |                                |
|--------------------------------------|--------------------------------|
| Mating Alignment Type                | Blindmate                      |
| Mating Alignment                     | With                           |
| Bus Bar Connector Mounting Retention | With                           |
| PCB Mount Retention Type             | Mounting Hole With Clinch Nuts |
| Connector Mounting Type              | Board Mount                    |

Housing Features

|                  |                 |
|------------------|-----------------|
| Housing Material | Stainless Steel |
|------------------|-----------------|

Dimensions

|                  |                                     |
|------------------|-------------------------------------|
| Connector Height | 29.2 mm[1.15 in]                    |
| Product Width    | 36.8 mm, 36.83 mm[1.25 in][1.45 in] |
| Product Length   | 50.9 mm[2 in]                       |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

|   |    |
|---|----|
| Compatible With Agency/Standards Products | UL |
|---|----|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

|                            |                  |
|----------------------------|------------------|
| Mating Conductor Thickness | 3.18 mm[.125 in] |
|----------------------------|------------------|

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 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



TE Part # 2204866-1  
RACK 500A (250+&250-) ORV2 Output Conn

Customers Also Bought



TE Part #11026436-00  
55016 GEM THERM



TE Part #5102160-8  
A/L UNIV HDR 34P RA

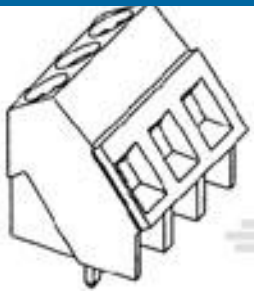


TE Part #1-2176231-2  
3522 30R 1% 3W




TE Part #5-1437720-4  
T01-CRIMP-P03

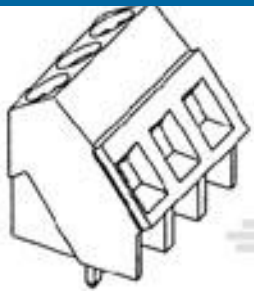





TE Part #796690-2  
TERMI-BLOK PCB MOUNT 2P



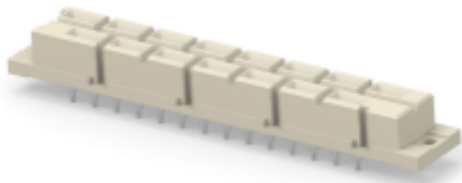
TE Part #1734366-2  
Std USB Type A, VT, T/H, White



TE Part #796690-8  
TERMI-BLOK PCB MOUNT 8P



TE Part #1-794040-0  
12P MINI UMNL HDR ASSY SN LF



TE Part #594752-E  
STVH15 15 F ZD W 2 EE25 4,2 \* 197 E 172

Documents

Product Drawings

BUSBAR CONNECT W/CLINCH NUTS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1367369-1\_A\_c-1367369-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1367369-1\_A\_c-1367369-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1367369-1\_A\_c-1367369-1-a.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English