



Energy & Power > Power Systems Connectors > Mechanical Connectors > Shear Bolt Lugs With Concentric Palm



Mechanical Connector Product Availability: **Americas, Asia, Australia, New Zealand & Pacific Islands, China, Europe, Middle East & Africa**

Mechanical Connector Technology: **Shear Bolt**

Mechanical Connector Voltage Class: **≤ 42 kV**

Mechanical Connector Conductor Material: **Aluminum, Copper**

Conductor Type: **Sector, Solid, Stranded**

[All Shear Bolt Lugs With Concentric Palm \(7\)](#)

## Features

### Product Type Features

Mechanical Connector Technology	Shear Bolt
Mechanical Connector Material	Aluminum
Underground Network Component Type	Terminal Lug

### Configuration Features

Number of Contact Bolts	4
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### Electrical Characteristics

Mechanical Connector Voltage Class	≤ 42 kV
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### Body Features

Mechanical Connector Conductor Material	Aluminum, Copper
Conductor Type	Sector, Solid, Stranded

### Dimensions

Bolt Head Size (Across Flats)	27 mm
Conductor Cross-Section	800 mm <sup>2</sup>
Palm Hole Diameter	16.3

### Operation/Application



Application Type	Plug-in Termination
Indoor Use	Yes
Outdoor Use	Yes

**Product Availability**

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**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 (1.5% in Component Part) <b>Article Safe Usage Statements:</b> 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**




TE Part # CAT-RST1  
Screened Separable Connectors 1250 A



TE Part # EK6276-011  
RSTI-6954




TE Part # 2832205-1  
BLMC-1000-16-1250A



TE Part # EN1456-011  
RSTI-5955

### Also in the Series | SIMEL BLMC



Mechanical Connectors(14)

### Customers Also Bought



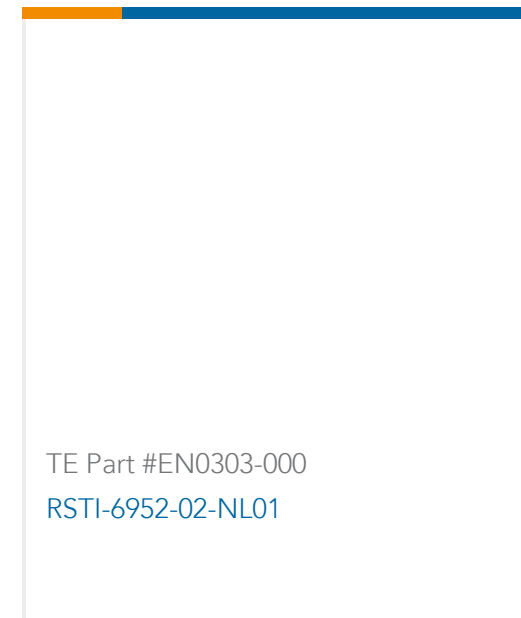
TE Part #322225  
TERMINAL,SOLIS R 2/0 3/4



TE Part #679413N002  
102L048/S(S25)



TE Part #EP8565-000  
RSTI-6855-02-NL01



TE Part #EN0303-000  
RSTI-6952-02-NL01

### Documents

[Product Drawings](#)  
[BLMC-800-16-1250A](#)  
English

[Datasheets & Catalog Pages](#)  
[BLMC BOLTED MECHANICAL LUGS](#)  
English