



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	3
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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 Range	500 – 630 mm ²
Conductor Cross-Section	500 – 630 mm ²
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

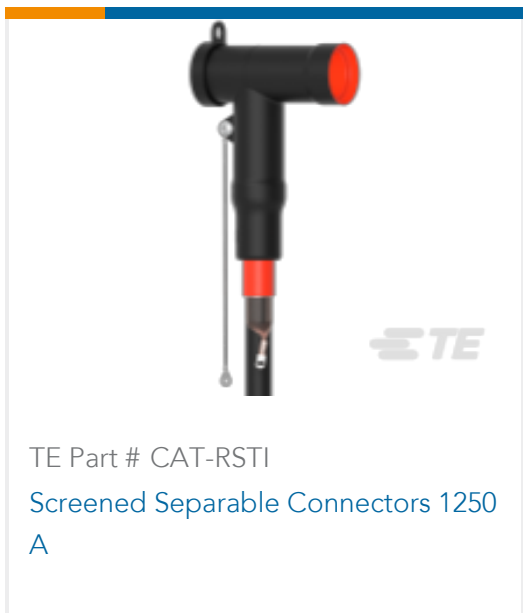
[For compliance documentation, visit the product page on TE.com>](#)

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 2021 (211) 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

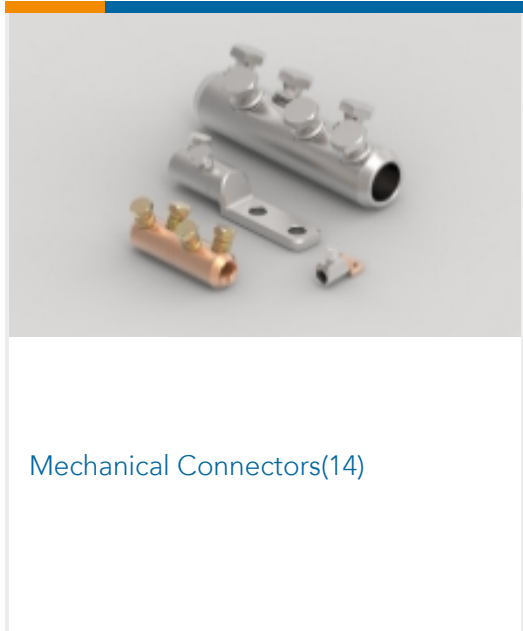
Product Compliance Disclaimer

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



Also in the Series | SIMEL BLMC



Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2107040-1_A.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2107040-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2107040-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BLMC BOLTED MECHANICAL LUGS](#)

English