



**AMPOWER**

TE Internal #: 53642-2

Rectangular Tongue Terminal, M12 / 1/2 Stud Size, 14.27 mm [.562 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated, AMPOWER

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Terminals & Splices > Spade Terminals > AMPOWER TERMINAL 2 STUD HOLES LONG BAR



Spade Terminal Type: **Rectangular Tongue Terminal**

Wire Size: **450000 – 550000 CMA**

Stud Size: **1/2, M12**

Stud Diameter: **14.27 mm [.562 in]**

Tongue Thickness: **5.08 mm [.2 in]**

**All AMPOWER TERMINAL 2 STUD HOLES LONG BAR (9)**

**Features**

**Product Type Features**

Stud Size	1/2, M12
Sealable	No

**Configuration Features**

Number of Holes	2
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**Contact Features**

Spade Terminal Type	Rectangular Tongue Terminal
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

**Mechanical Attachment**

Wire Insulation Support	Without
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**Dimensions**

Wire Size	450000 – 550000 CMA
Stud Diameter	14.27 mm [.562 in]
Tongue Thickness	5.08 mm [.2 in]



Product Length	149.35 mm[5.88 in]
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Barrel Inside Diameter	30.96 mm[1.219 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	25
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Packaging Method	Box
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### Other

Terminals & Splices Comment	Electrodeposited Tin Plate per MIL-T-10727.
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

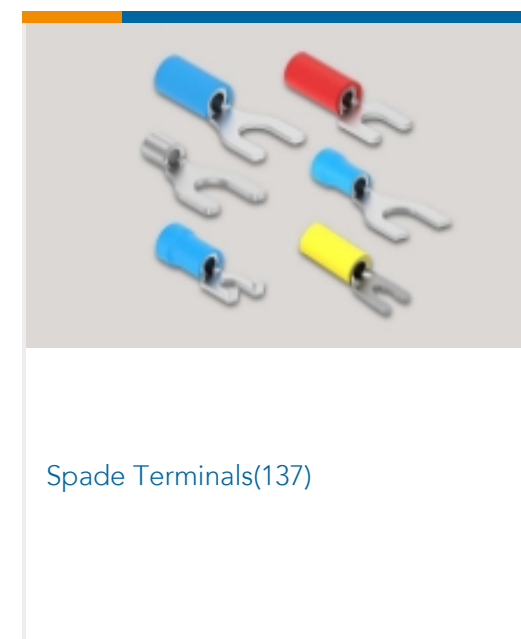
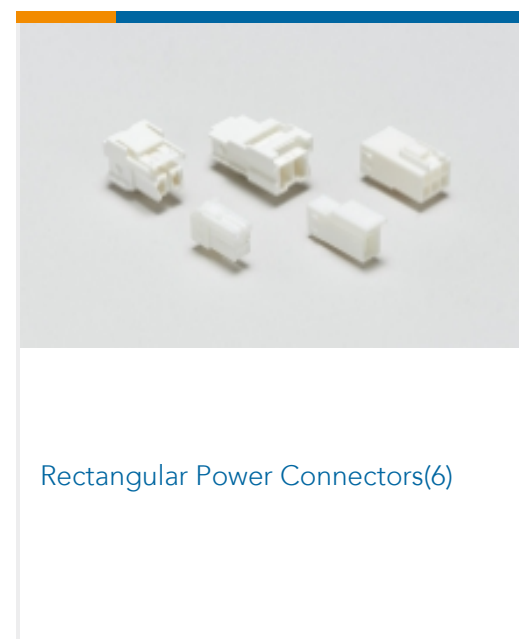
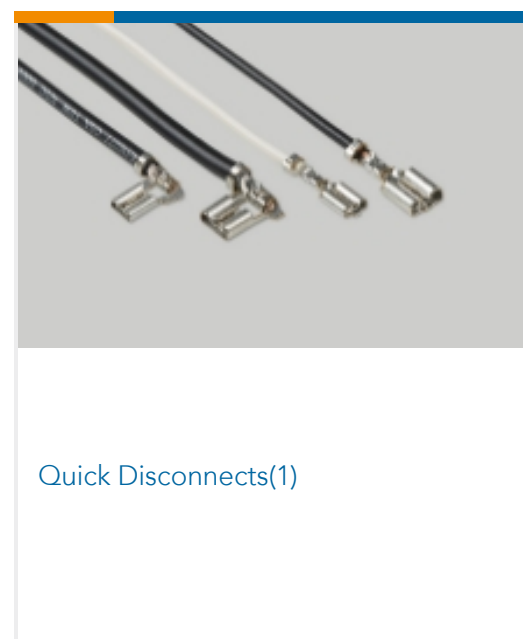
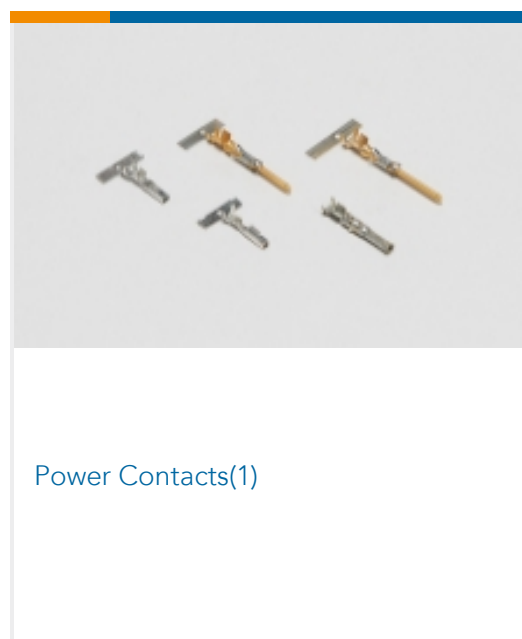
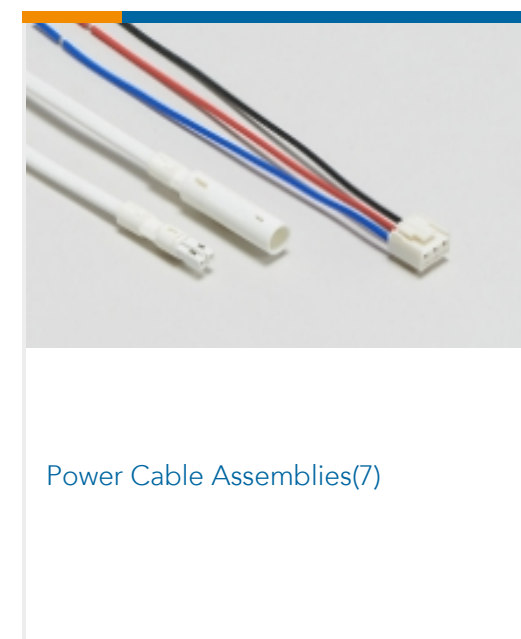
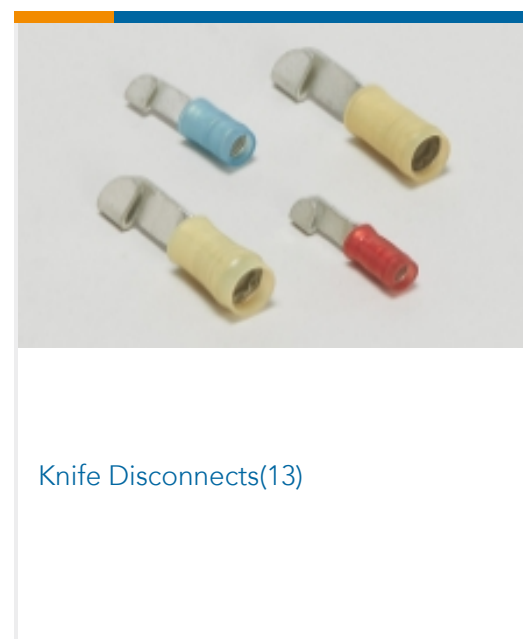
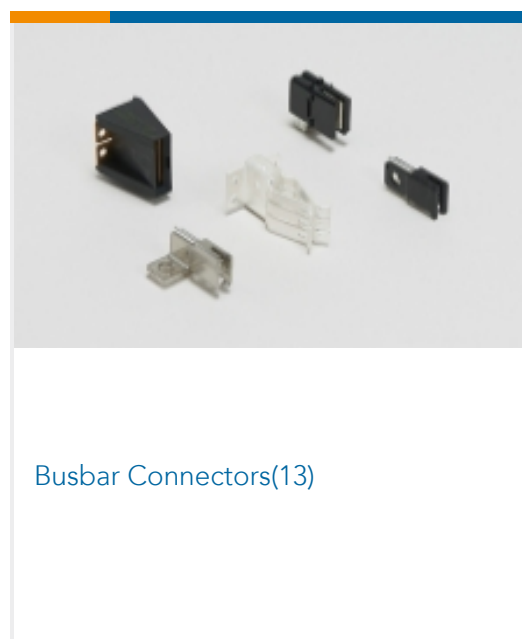
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

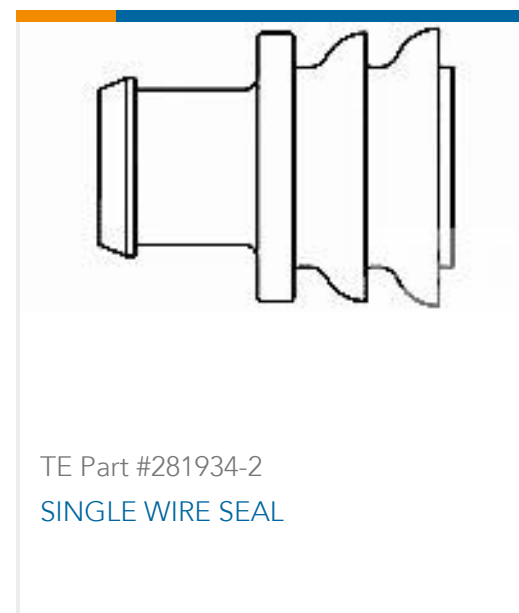
## Compatible Parts



## Also in the Series | AMPOWER



## Customers Also Bought



## Documents

### Product Drawings

[TERMINAL,AMPOWER 500MCM 1/2](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_53642-2\\_L.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53642-2\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53642-2\\_L.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[AMPOWER Terminals and Splices Flyer](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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



English

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[Agency Approvals](#)

[UL Report](#)

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