

325405 ✓ ACTIVE

AMPOWER

TE Internal #: 325405

Rectangular Tongue Terminal, 00 AWG, M12 / 1/2 Stud Size, 13.08 mm [.515 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated, AMPOWER

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Terminals & Splices > Spade Terminals > AMPOWER Lug Crimp Terminal, 1 Stud Hole



Spade Terminal Type: **Rectangular Tongue Terminal**

Wire Size: 119500 – 150500 CMA

Stud Size: 1/2, M12

[All AMPOWER Lug Crimp Terminal, 1 Stud Hole \(51\)](#)

### Features

#### Product Type Features

Terminal Features	Inspection Slot
Stud Size	1/2, M12
Sealable	No

#### Configuration Features

Number of Holes	1
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#### Body Features

Product Weight	23.587 g
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#### Contact Features

Military Part Class	Class II
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	119500 – 150500 CMA
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Stud Diameter	13.08 mm[.515 in]
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Tongue Thickness	2.79 mm[.11 in]
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Product Length	53.59 mm[2.101 in]
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Barrel Inside Diameter	13.03 mm[.513 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	50
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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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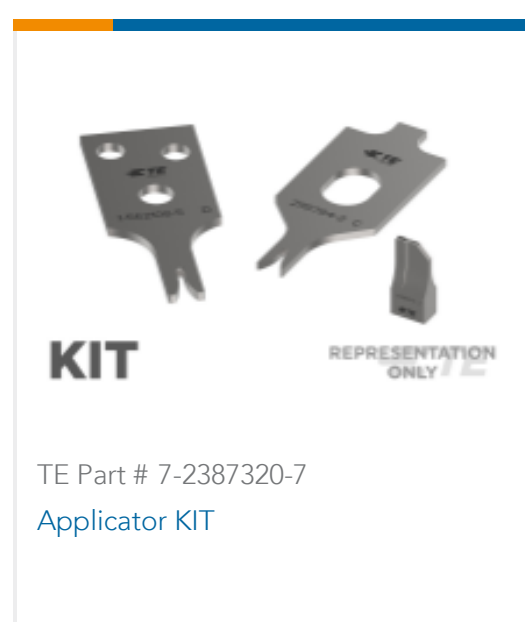
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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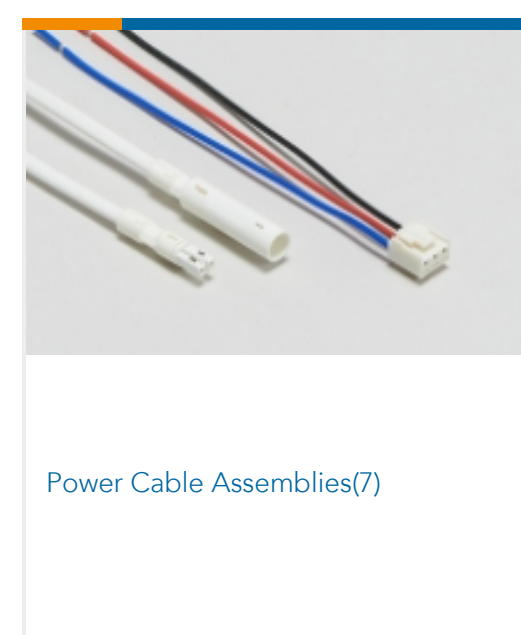
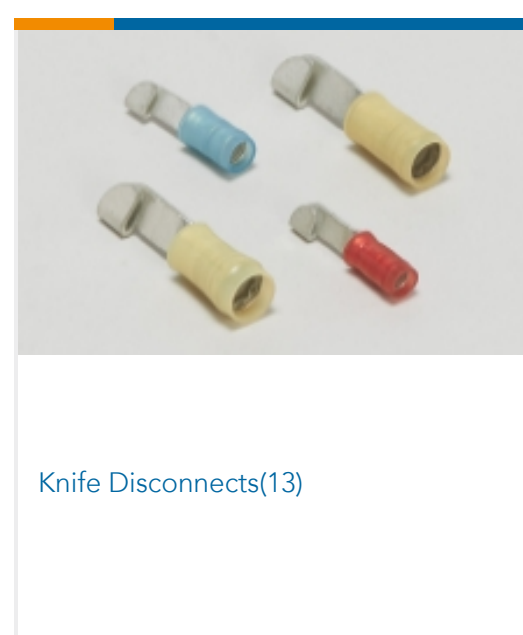
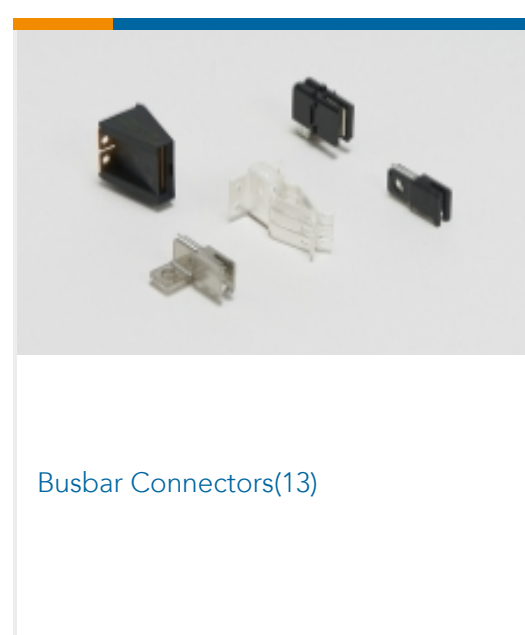
Product Compliance Disclaimer

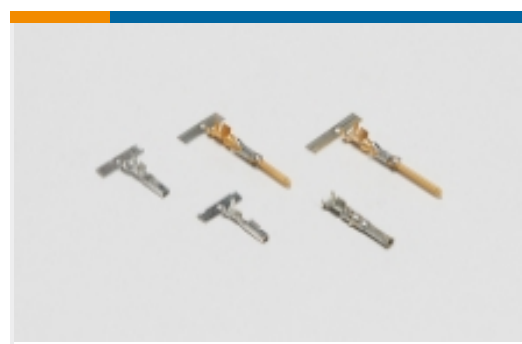
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





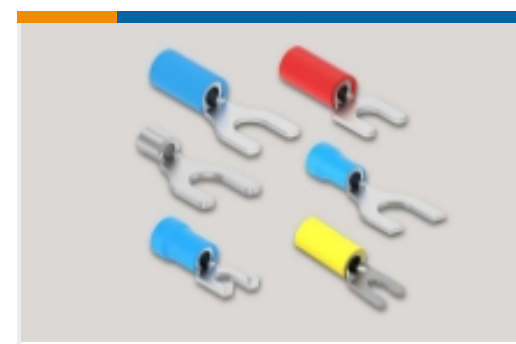
Power Contacts(1)



Quick Disconnects(1)



Rectangular Power Connectors(6)

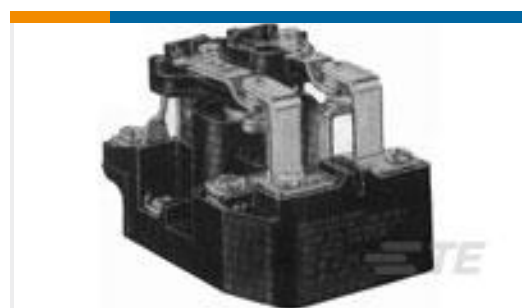


Spade Terminals(137)



Splices(38)

## Customers Also Bought

TE Part #3-1393127-8  
PRD-11DG0-24=PRDTE Part #53983-1  
TERMINAL,PIDG PVF2 R 16-14HDTE Part #324165  
TERMINAL,PG SPD FLG 16-14 6TE Part #53418-1  
PIDG Radiation Resistant C Rings  
/SpadesTE Part #324459  
SPLICE,AMPOWER BUTT 2/0TE Part #ZPF000000000118248  
CONTACT M 12 - AG - 70MM LAITON

## Documents

### Product Drawings

[TERMINAL,AMPOWER 2/0 1/2](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_325405\\_R.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_325405\\_R.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_325405\\_R.2d\\_dxf.zip](#)

English

**3D PDF**

English

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

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### Datasheets & Catalog Pages

[AMPOWER Terminals and Splices Flyer](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English