

325301

✓ ACTIVE

AMPOWER

TE Internal #: 325301

Rectangular Tongue Terminal, 0 AWG, M6 / 1/4 Stud Size, 6.73 mm [.265 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: **83700 – 119500 CMA**

Stud Size: **1/4, M6**

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

## Features

### Product Type Features

|                   |                 |
|-------------------|-----------------|
| Terminal Features | Inspection Slot |
| Stud Size         | 1/4, M6         |
| Sealable          | No              |

### Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

### Body Features

|                |          |
|----------------|----------|
| Product Weight | 19.593 g |
|----------------|----------|

### 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 |
|-------------------------|---------|

### Dimensions

|           |                    |
|-----------|--------------------|
| Wire Size | 83700 – 119500 CMA |
|-----------|--------------------|



|               |                  |
|---------------|------------------|
| Stud Diameter | 6.73 mm[.265 in] |
|---------------|------------------|

|                  |                |
|------------------|----------------|
| Tongue Thickness | 2.54 mm[.1 in] |
|------------------|----------------|

|                |                |
|----------------|----------------|
| Product Length | 50 mm[1.97 in] |
|----------------|----------------|

|                        |                   |
|------------------------|-------------------|
| Barrel Inside Diameter | 11.63 mm[.458 in] |
|------------------------|-------------------|

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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

### Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

|                                       |     |
|---------------------------------------|-----|
| Compatible With Wire Plating Material | Tin |
|---------------------------------------|-----|

### Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

### Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 50 |
|--------------------|----|

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

### Other

|                             |   |
|-----------------------------|---|
| Terminals & Splices Comment | Electrodeposited Tin Plate per MIL-T-10727. |
|-----------------------------|---|

## 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 |
|---------------------------|--|

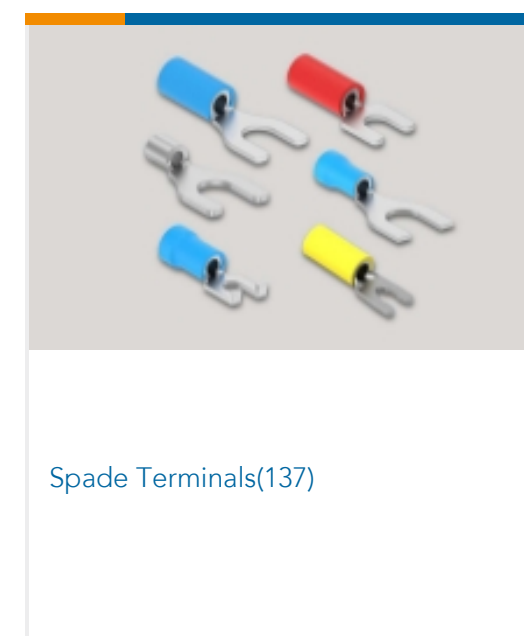
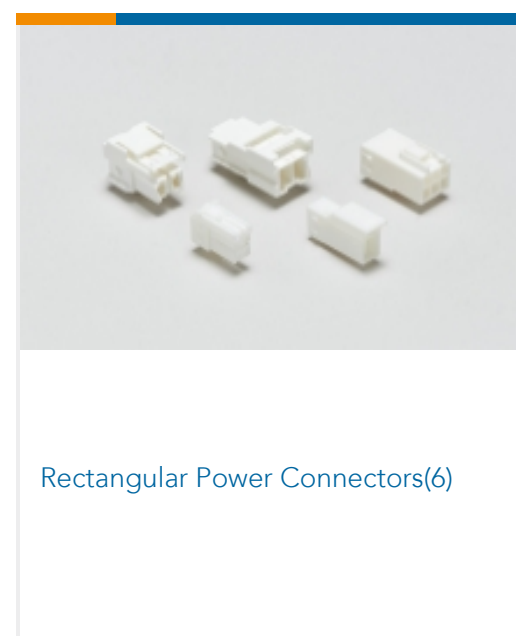
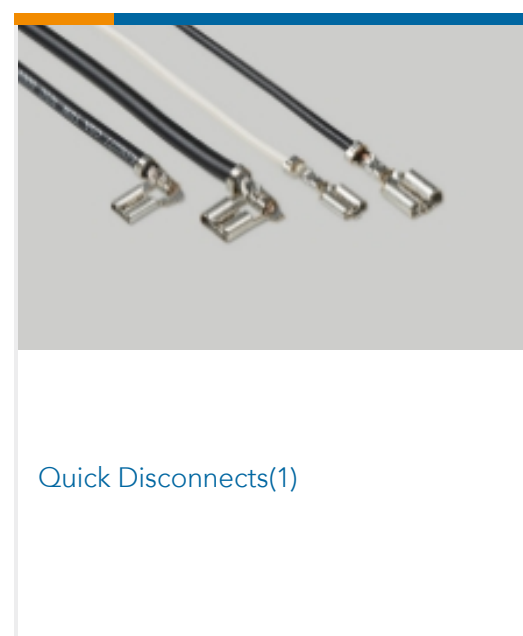
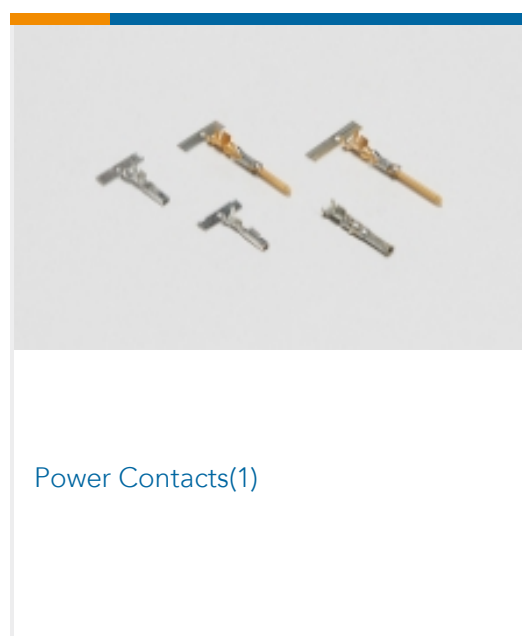
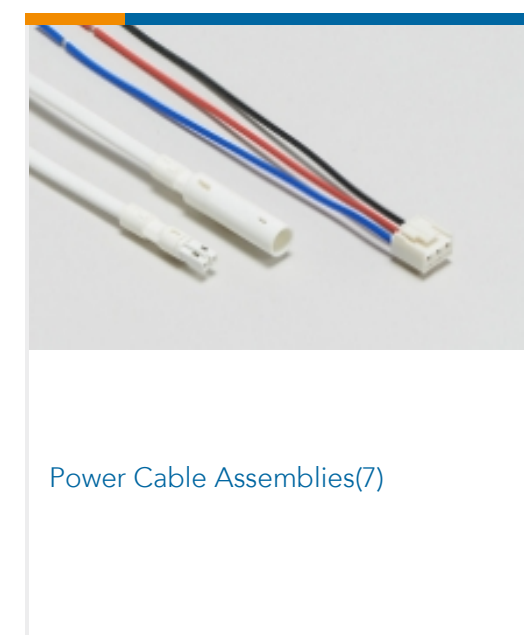
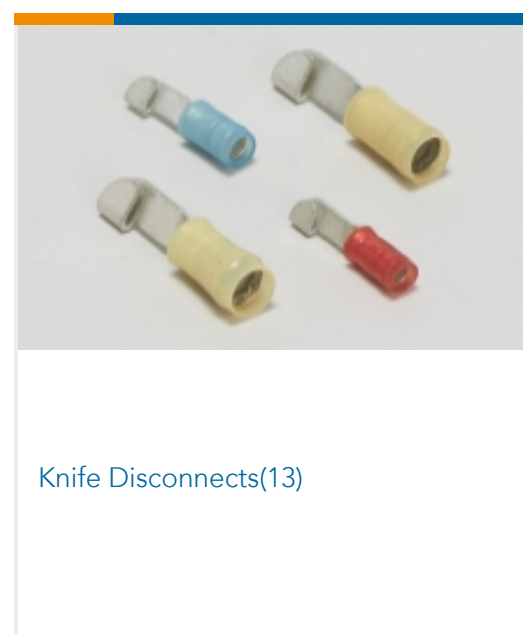
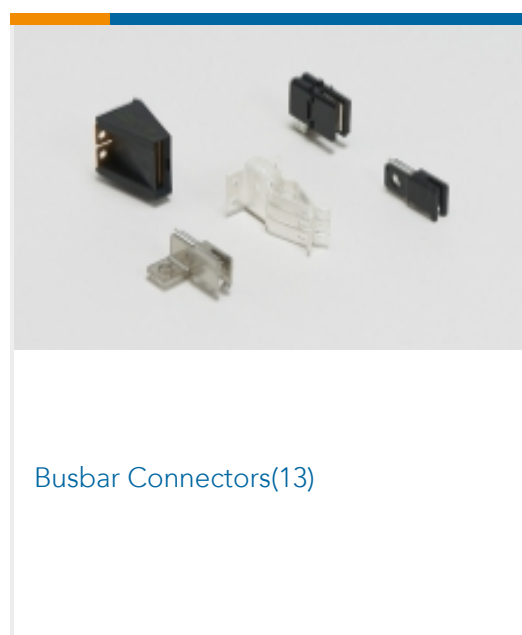
Product Compliance Disclaimer

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



## Also in the Series | AMPPOWER





## Customers Also Bought



## Documents

### Product Drawings

[TERMINAL,AMPPOWER 1/0 1/4](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_325301\\_Y.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_325301\\_Y.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_325301\\_Y.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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**Product Environmental Compliance**

[TE Material Declaration](#)

English

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**Instruction Sheets**

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

English

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**Agency Approvals**

[UL Report](#)

English