



Terminals & Splices > Ring Terminals & Spade Terminals > AMPOWER TERMINAL 1 STUD HOLE



Terminal & Splice Type: Rectangular Tongue

Wire Size: 275000 – 325000 CMA

Ring & Spade Stud Size: 1/2, M12

Stud Diameter: 13.08 mm [.515 in]

Tongue Thickness: 4.06 mm [.16 in]

All AMPOWER TERMINAL 1 STUD HOLE (51)

Features

Product Type Features

|                              |               |
|------------------------------|---------------|
| Ring & Spade Stud Size       | 1/2, M12      |
| Ring & Spade Barrel Type     | Closed Barrel |
| Sealable                     | No            |
| Insulated                    | No            |
| Ring & Spade Wire/Cable Type | Copper        |

Configuration Features

|                 |          |
|-----------------|----------|
| Number of Holes | 1        |
| Terminal Angle  | Straight |

Body Features

|                               |        |
|-------------------------------|--------|
| Inspection Slot               | Yes    |
| Weight per Piece              | 79.1 g |
| Ring & Spade Plating Material | Tin    |

Contact Features

|                                   |                    |
|-----------------------------------|--------------------|
| Military Part Class               | Class II           |
| Terminal & Splice Type            | Rectangular Tongue |
| Ring & Spade Terminal Orientation | Offset             |



Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                             |                     |
|-----------------------------|---------------------|
| Wire Size                   | 275000 – 325000 CMA |
| Stud Diameter               | 13.08 mm[.515 in]   |
| Tongue Thickness            | 4.06 mm[.16 in]     |
| Ring & Spade Overall Length | 68.33 mm[2.69 in]   |
| Barrel Inside Diameter      | 19.25 mm[.758 in]   |

Usage Conditions

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

Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

|                               |     |
|-------------------------------|-----|
| Packaging Quantity            | 25  |
| Ring & Spade Packaging Method | Box |

Other

|         |                                             |
|---------|---------------------------------------------|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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

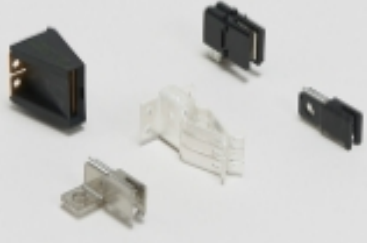
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 46752-2  
HYP8 AMPOWER 300MCM DIE SET

Also in the Series | AMPOWER



Bus Bar Connectors(13)



Ring Terminals & Spade Terminals(141)

Customers Also Bought



TE Part #1-66358-9  
TYPE III CONTACTS STRIP HIGH CURRENT



TE Part #325803  
AMPOWER TERMINAL 1 STUD HOLE



TE Part #321868  
TERMINAL SOLIS RING 1/0 3/8



TE Part #324486  
SPARE WIRE CAP, BLU .120-.145 INS.



Documents

Product Drawings

TERMINAL,AMPOWER 300MCM 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_325805\_AK.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_325805\_AK.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_325805\_AK.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPOWER Terminals and Splices Flyer

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English