

325305 ✓ ACTIVE

AMPOWER

TE Internal #: 325305

Ring Terminals & Spade Terminals, Rectangular Tongue, 0 AWG

Wire Size, 50 – 60 mm<sup>2</sup> Wire Size, 83700 – 119500 CMA Wire Size,

AMPOWER

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



Ring & Spade Terminal Type: **Rectangular Tongue**

Wire Size: **83700 – 119500 CMA**

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

[All AMPOWER TERMINAL 1 STUD HOLE \(51\)](#)

### Features

#### Product Type Features

Stud Size	1/2, M12
Sealable	No

#### Configuration Features

Number of Holes	1
Terminal Angle	180 °

#### Body Features

Inspection Slot	Yes
Weight per Piece	17.237 g

#### Contact Features

Military Part Class	Class II
Ring & Spade Terminal Type	Rectangular Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

#### Mechanical Attachment

Wire Insulation Support	Without
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#### Dimensions



Wire Size	83700 – 119500 CMA
Stud Diameter	13.08 mm[.515 in]
Tongue Thickness	2.54 mm[.1 in]
Overall Product Length	50.04 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
Heavy Duty	No

### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	50
Packaging Method	Box

### Other

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
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1583095-1  
DIE ASSEMBLY, AMPOWER, 1/0

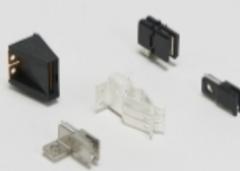


TE Part # 46766-2  
HYP8 AMPOWER 1/0AWG DIE SET



TE Part # 46322-2  
HYP8 AMPOWER 1/0AWG 69065 DIE SET

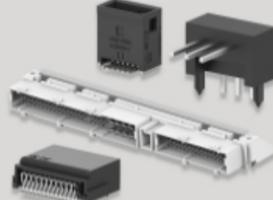
### Also in the Series | AMPOWER



Busbar Connectors(13)



Knife Disconnects(15)



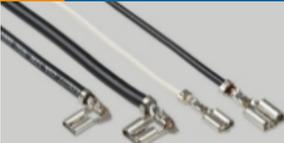
PCB Headers & Receptacles(2)



Power Cable Assemblies(7)



Power Contacts(1)



Quick Disconnects(1)



Rectangular Power Connectors(6)



Ring Terminals & Spade Terminals(141)



## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_325305\\_AF.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_325305\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_325305\\_AF.3d\\_stp.zip](#)

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Customer View Model

[ENG\\_CVM\\_325305\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_325305\\_U.3d\\_stp.zip](#)

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Customer View Model

[ENG\\_CVM\\_325305\\_U.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

### Datasheets & Catalog Pages

[AMPPOWER Terminals and Splices Flyer](#)

English

### 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