

TE Internal #: 53683-2
Rectangular Tongue Terminal, 0000 AWG, 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: 190000 – 231000 CMA

Stud Size: 1/2, M12

[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	190000 – 231000 CMA
Stud Diameter	14.27 mm[.562 in]
Tongue Thickness	3.3 mm[.13 in]
Product Length	125.47 mm[4.94 in]
Barrel Inside Diameter	16.46 mm[.648 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
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Packaging Features

Packaging Quantity	50
Packaging Method	Box

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
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) Candidate List Declared Against: JUNE 2023 (235) 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 # 46750-2
HYP8 AMPPOWER 4/0AWG DIE SET

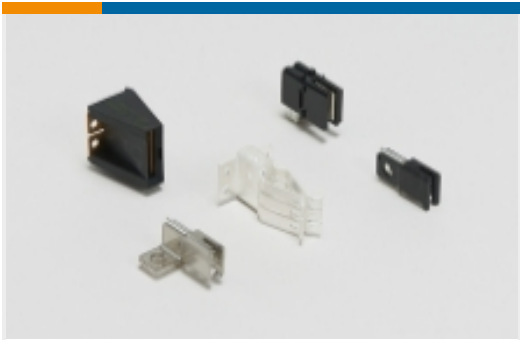


TE Part # 1583098-1
DIE ASSY,AMPPOWER,4/0



TE Part # 46325-2
HYP8 AMPPOWER 4/0AWG 69065 DIE SET

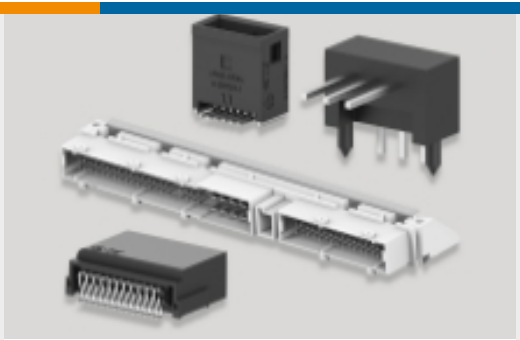
Also in the Series | AMPPOWER



Busbar Connectors(13)



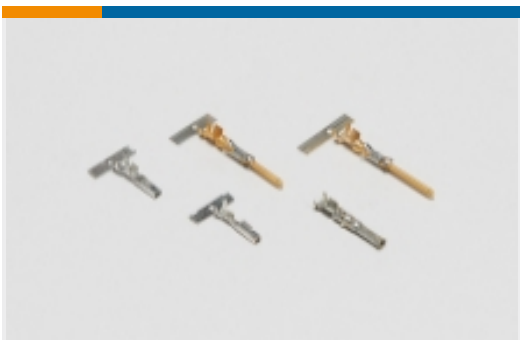
Knife Disconnects(14)



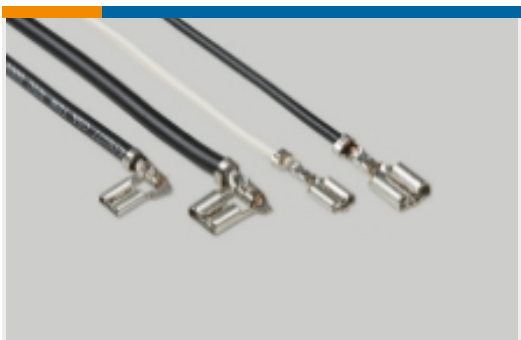
PCB Headers & Receptacles(2)



Power Cable Assemblies(7)



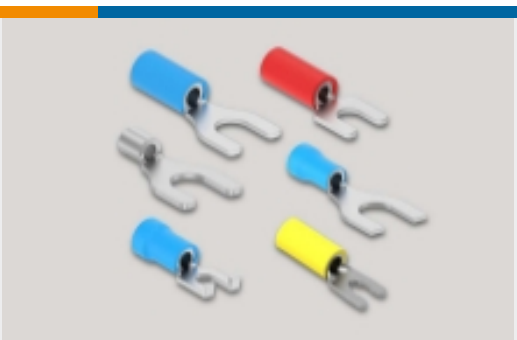
Power Contacts(1)



Quick Disconnects(1)



Rectangular Power Connectors(6)



Spade Terminals(139)



Splices(39)

Customers Also Bought



 TE Part #5499913-9 AMP-LATCH UNIVERSAL HEADERS	 TE Part #5747238-2 25 MSFL PLUG RA 318 (FM)	 TE Part #325614 TERMINAL,AMPPOWER 4/0 0	 TE Part #6368150-1 MJ,TE,8P,CAT5,SHIELDED
 TE Part #3-1437658-3 8PCV-10-006=738010600	 TE Part #171508-1 PIDG RING UL 22-16	 TE Part #3-794631-4 04P MICRO MNL ASSY,VRT,HDR LF	 TE Part #322733 TERMINAL,SOLIS R HR 16-14 1/4

Documents

Product Drawings

TERMINAL,AMPPOWER 4/0 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53683-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53683-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53683-2_M.3d_stp.zip

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

Instruction Sheets

Instruction Sheet (U.S.)



English

[Agency Approvals](#)

[UL Report](#)

English