

SOLISTRAND

TE Internal #: 8-322996-1

Spade Tongue Terminal, 16 – 14 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6, M3.5**

Features

Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Body Features

Product Weight	.539 g
----------------	--------

Contact Features

Spade Terminal Type	Spade Tongue Terminal
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

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

Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	3.68 mm[.145 in]



Tongue Thickness	.79 mm[.031 in]
Product Length	13.46 mm[.53 in]
Barrel Inside Diameter	2.16 mm[.085 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

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

Packaging Features

Packaging Quantity	100
Packaging Method	Loose Piece

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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>

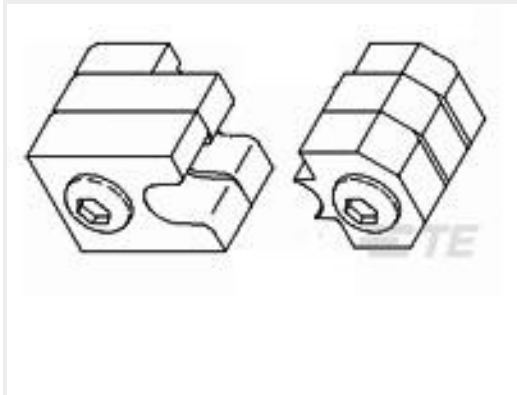
Compatible Parts




TE Part # 58545-3  
SDE DIE ASSY. 22-10 SOLISTRAND




TE Part # 58545-1  
SOLISTRAND 10-22 DIE ASSY




TE Part # 47813  
DIES SOLIS 16-14 DIE SET



TE Part # 49935  
DAHT SOLIS 22-10 ASSY




TE Part # 58546-1  
PC 22-10 SOLISSPICE SPL I SHT

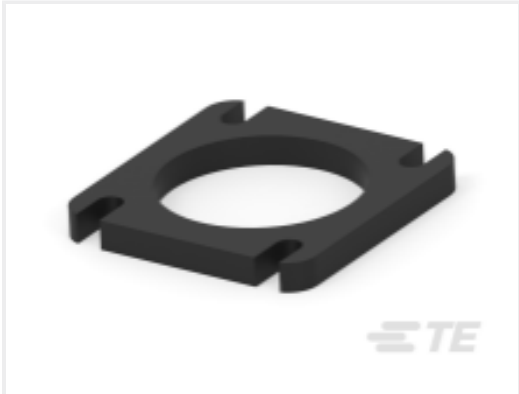


TE Part # 169400  
CERTI-LOK FRAME W/O DIES

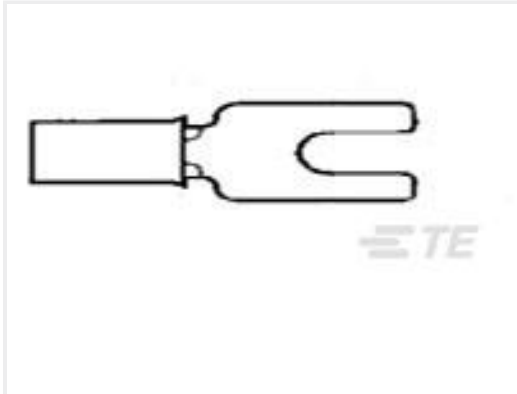
Customers Also Bought




TE Part #HDC16-3-JDL  
DUST CAP, 3P, REC, GRY, LANYARD, HD10




TE Part #HD10-3-GKT  
GASKET, 3SZ, BLK, HD10




TE Part #40705  
SPADE 164(4.17 MM) TERMINAL 18-14 AWG BR




TE Part #60251-2  
SPADE TERMINAL 18-14 AWG TPBR



TE Part #CAT-H3910-B128  
DEUTSCH HD10 Backshells



TE Part #2-322996-1  
TERMINAL,SOLIS SPD 16-14 6



TE Part #CAT-H3910-CH8172  
DEUTSCH HD10 Housings

Documents

Product Drawings  
TERMINAL,SOLIS SPD 16-14 6  
English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_8-322996-1\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-322996-1\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-322996-1\_H.3d\_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English