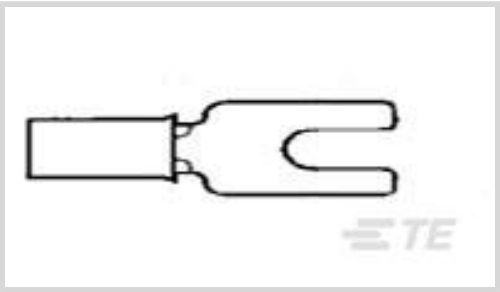




Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	SPADE-023
Stud Size	#10
Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Wire/Cable Type	Regular Wire

Configuration Features

Terminal Angle	Straight
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Body Features

Inspection Slot	No
Weight per Piece	1.499 g
Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Spade Tongue
Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5 mm[.19 in]



Tongue Thickness	.99 mm[.04 in]
Overall Length	19.61 mm[.77 in]
Barrel Inside Diameter	3.4 mm[.134 in]

Usage Conditions

Operating Temperature Range	170 °C[338 °F]
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Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Other

Line	Budget
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2019 (197) Candidate List Declared Against: JUL 2017 (174)
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

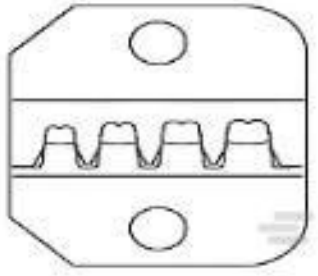
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in



articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 58509-1  
PRO-CRIMPER DIE  
BUDGET




TE Part # 58508-1  
PRO-CRIMPER HD TL W  
/DIE BUDGET


Also in the Series | SOLISTRAND Budget



Crimp Wire Pins, Tabs & Ferrules(1)



Knife Disconnects(4)



Rings & Spades(186)



Splices(1)

Customers Also Bought



TE Part #2061933-1  
FULLPOWER MINI FIELD  
INSTALL ASSEMBLY



TE Part #2-31807-3  
TERMINAL, SOLIS R 8 10



TE Part #3-2176054-1  
RLP73K 2A R91 5% 5K RL



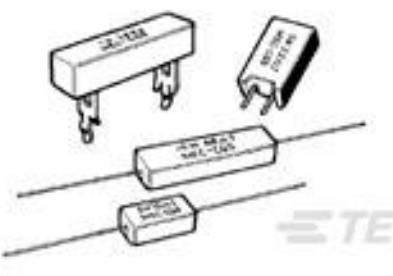
TE Part #1-1879452-9  
TE 750W 33R 5% Bracket



TE Part #1-1625971-5  
HSA25 1K2 5%



TE Part #8-1879354-1  
RR03 5% 680R AMMO



TE Part #3-1623795-0  
SQP5 1R0 5% WIRE



Documents

Product Drawings

TERMINAL,BUDG SPD 12-10 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_35494\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_35494\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_35494\_N.3d\_stp.zip

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English