

41589 ✓ ACTIVE

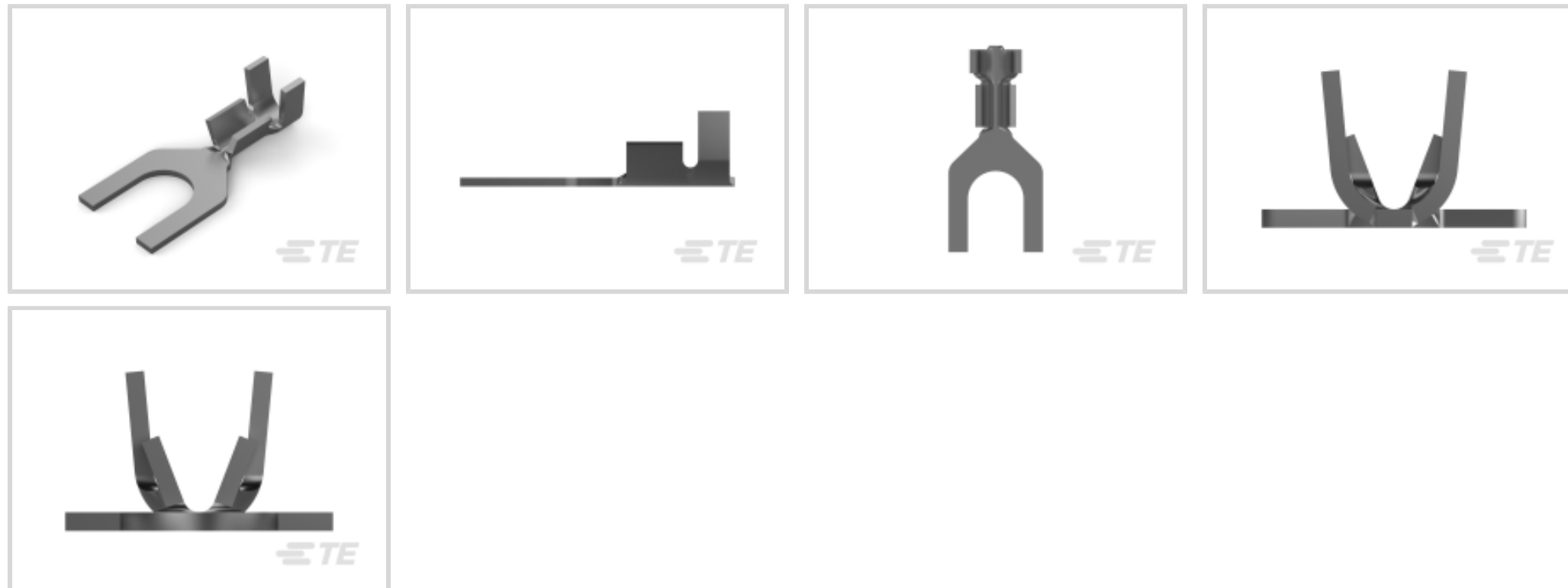
TE Internal #: 41589

Spade Tongue Terminal, 24 – 20 AWG, #8 / M4 Stud Size, 4.34 mm  
[.171 in] Stud Diameter, Open Barrel, Straight, Tin, Uninsulated

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **404 – 1021 CMA**

Stud Size: **#8, M4**

## Features

### Dimensions

	.08 in
Wire Size	404 – 1021 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	15.75 mm[.62 in]
Barrel Inside Diameter	.89 mm, 2.54 mm[.035 in][.1 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

### Contact Features

Spade Terminal Type	Spade Tongue Terminal
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Contact Base Material	Brass

### Product Type Features

Stud Size	#8, M4
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Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support
Shape Description	Square Spade

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Strip/Reel
Packaging Quantity	15000

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Body Features

Product Weight	.418 g
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### Mechanical Attachment

Wire Insulation Support	With
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### Industry Standards

Government Qualified Terminal	No
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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 2024 (241) 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 # 61238-1  
SPADE CRIMP 24-20 AWG TPBR



TE Part # 2150283-1  
OCEAN\_2.0\_Applicator-S-080F130F-RSM



TE Part # 2150283-2  
OCEAN\_2.0\_Applicator-S-080F130F-RSA



KIT  
REPRESENTATION ONLY

TE Part # 7-2150283-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F130F

### Customers Also Bought



TE Part #11026329-00  
44005RC,THERM,ROHS



TE Part #959025-000  
AD-1377-S-SPEC-CRIMP-TOOL




TE Part #150730  
22-16 PIDG TAB 3,3/3



TE Part #63241-3  
FF 110 REC 22-18AWG PTBR



TE Part #6-2176343-1  
CRGCO 1206 1M0 1%



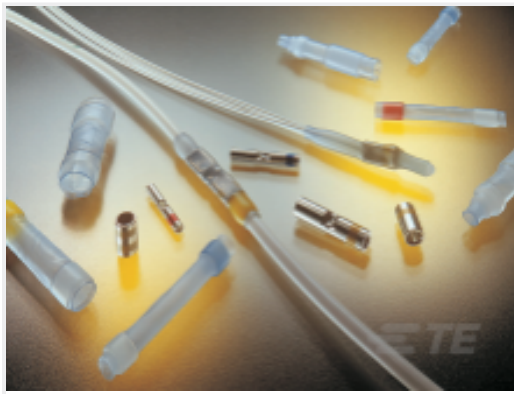
TE Part #53427-1  
TERMINAL,PIDG PVF2 R 12-10



TE Part #322454-1  
TERMINAL,SOLIS R 12-10 8 TAPE



TE Part #YD369-B33-NS1-119P  
369 3 WAY PANEL MNT REC, CRIMP, SKT,119P



TE Part #650130N001  
D-436-86CS2705

## Documents

### Product Drawings

#### SPADE TERMINAL 24-20 AWG TPBR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41589\\_AA\\_c-41589-aa.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41589\\_AA\\_c-41589-aa.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41589\\_AA\\_c-41589-aa.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Engineering Report

English