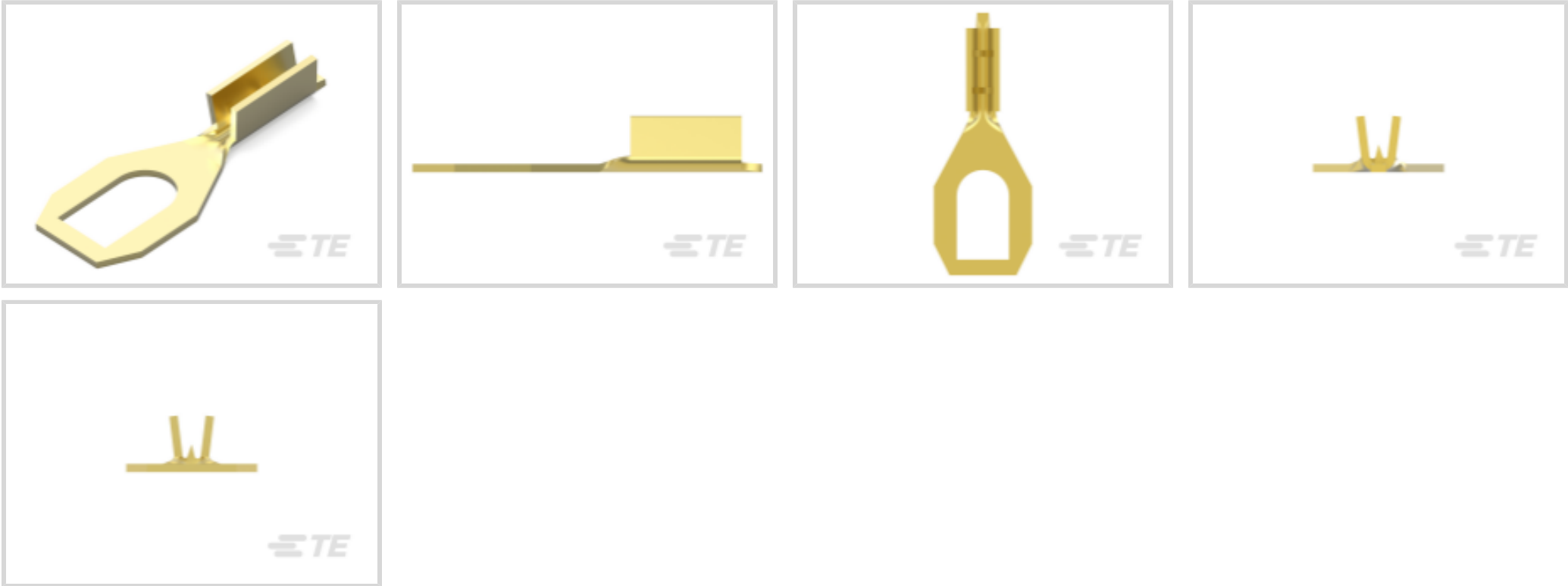




TE Internal #: 61498-1
Spade Tongue Terminal, 28 – 22 AWG, #5 / M3 Stud, 3.18 mm [.125 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated
[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**
Wire Size: **160 – 642 CMA**
Stud Size: **M3, #5**

Features

Mechanical Attachment

Wire Insulation Support	With
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	28000
Packaging Method	Strip/Reel

Product Type Features

Shape Description	Square Spade
Stud Size	M3, #5
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Piercing

Dimensions

	.035 in
Wire Size	160 – 642 CMA
Stud Diameter	3.18 mm [.125 in]



Tongue Thickness	.41 mm[.016 in]
Product Length	14.73 mm[.58 in]
Barrel Inside Diameter	.89 mm[.035 in]
Compatible Insulation Diameter (Max)	1.02 mm[.04 in]
Compatible Insulation Diameter Range	.89 – 1.02 mm[.035 – .04 in]

Contact Features

Contact Base Material	Brass
Spade Terminal Type	Spade Tongue Terminal
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated
Contact Underplating Material	None

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 60389-1
SPADE CRIMP 20-16 AWG BR



TE Part # 60234-2
SPADE 26-22 AWG TPBR



TE Part # 60775-1
SPADE TERMINAL 18-14 AWG BR



TE Part # 350502-2
SPADE TERMINAL (ST) 28-22 AWG



TE Part # 140791-1
SPADE IS



TE Part # 60390-1
SPADE CRIMP 20-16 AWG BR



TE Part # 60774-1
SPADE TERMINAL 18-14 AWG BR



TE Part # 61498-2
SPADE 28-22 AWG .0157 X .310 TPBR



TE Part # 350502-1
SPADE TERMINAL (ST) 28-22 AWG
PTPBR

Customers Also Bought





TE Part #1658672-1
HDP-22,PLUG,SIZE 3,44 POSN



TE Part #5-103945-2
5X3 MTE SHRD PIN SR LATCH .100



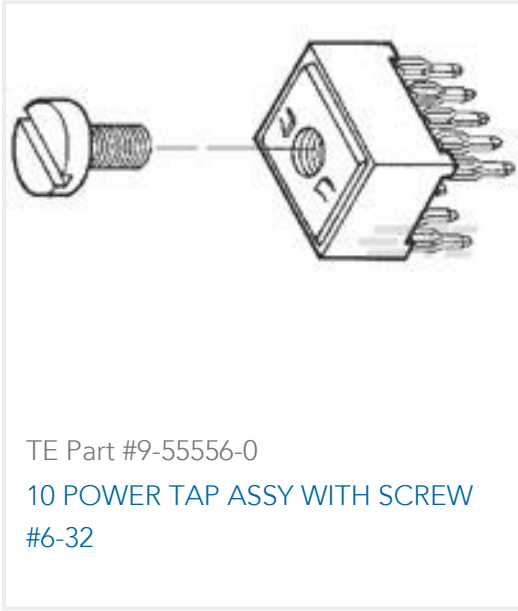
TE Part #1-1123722-2
3.96 EP PLUG HSG 2P(NATURAL)



TE Part #1658621-5
24 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1676225-2
RN 0805 1K1 0.1% 10PPM 1KRL



TE Part #9-55556-0
10 POWER TAP ASSY WITH SCREW #6-32



TE Part #323916
TERMINAL,PIDG R 26-22 8



TE Part #1-1721150-3
ORWH-SH-112D1F,000



TE Part #EM7499-000
X4-0.8-0-SP-SM



TE Part #2195846-8
FPC ANT, MHF4L, 200mm, 698-7125 MHz

Documents

Product Drawings
SPADE 28-22 AWG .0157 X .310 BR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_61498-1_P.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_61498-1_P.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_61498-1_P.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

61498-1

Spade Tongue Terminal, 28 – 22 AWG, #5 / M3 Stud, 3.18 mm [.125 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated



Application Specification

English