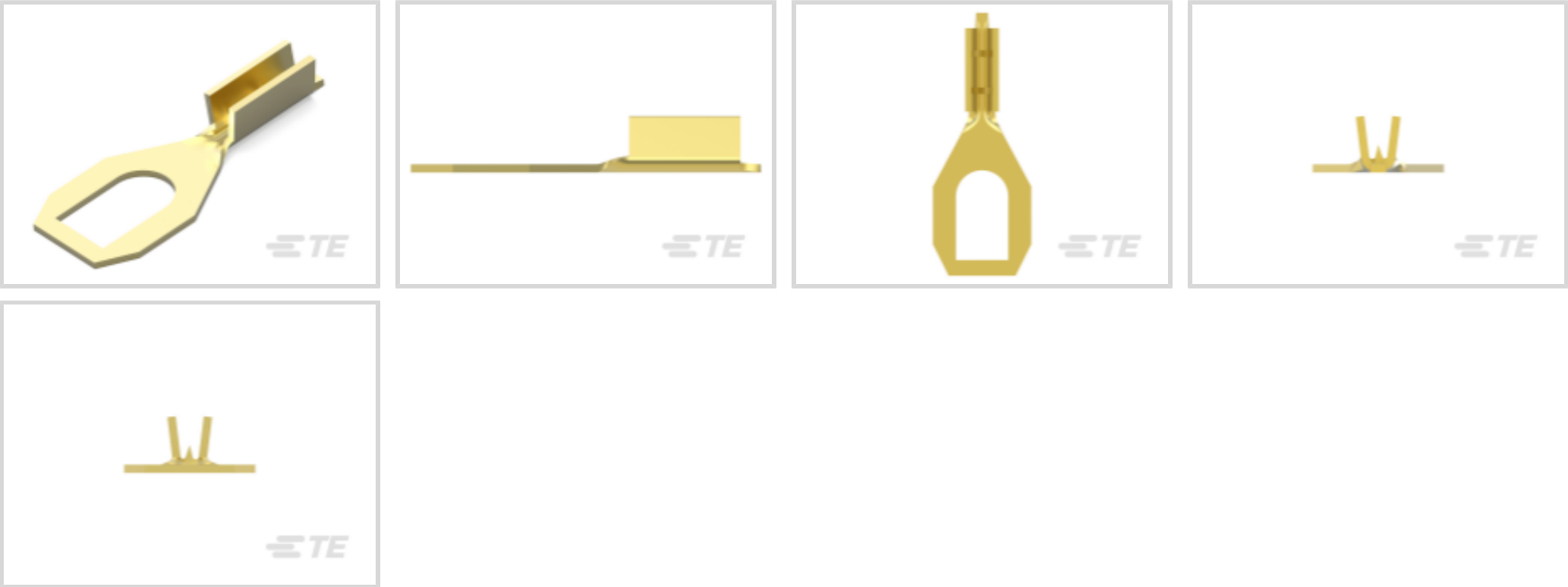




TE Internal #: 61498-1
Spade Tongue Terminal, 28 – 22 AWG, #5 / M3 Stud, 3.18 mm [.125 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated
[View on TE.com >](#)

Terminals & Splices > Spade Terminals



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

Features

Product Type Features

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

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.035 in
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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]

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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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	28000
Packaging Method	Strip/Reel

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: JAN 2025 (247) 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 # 140791-1
SPADE IS

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

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

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

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

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

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

TE Part # 60389-1
SPADE CRIMP 20-16 AWG BR

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

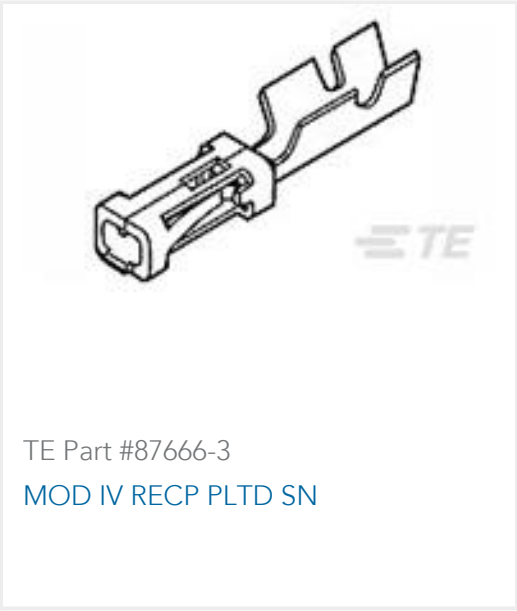
Customers Also Bought

TE Part #87809-2
MOD V RECP PLTD SN

TE Part #926521-2
PL 250 REC HSG 2P NYLON BLACK

TE Part #323011
TERMINAL, PIDG R SLTD 26-22 6

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



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

Application Specification

English

Agency Approvals

UL Report

English