

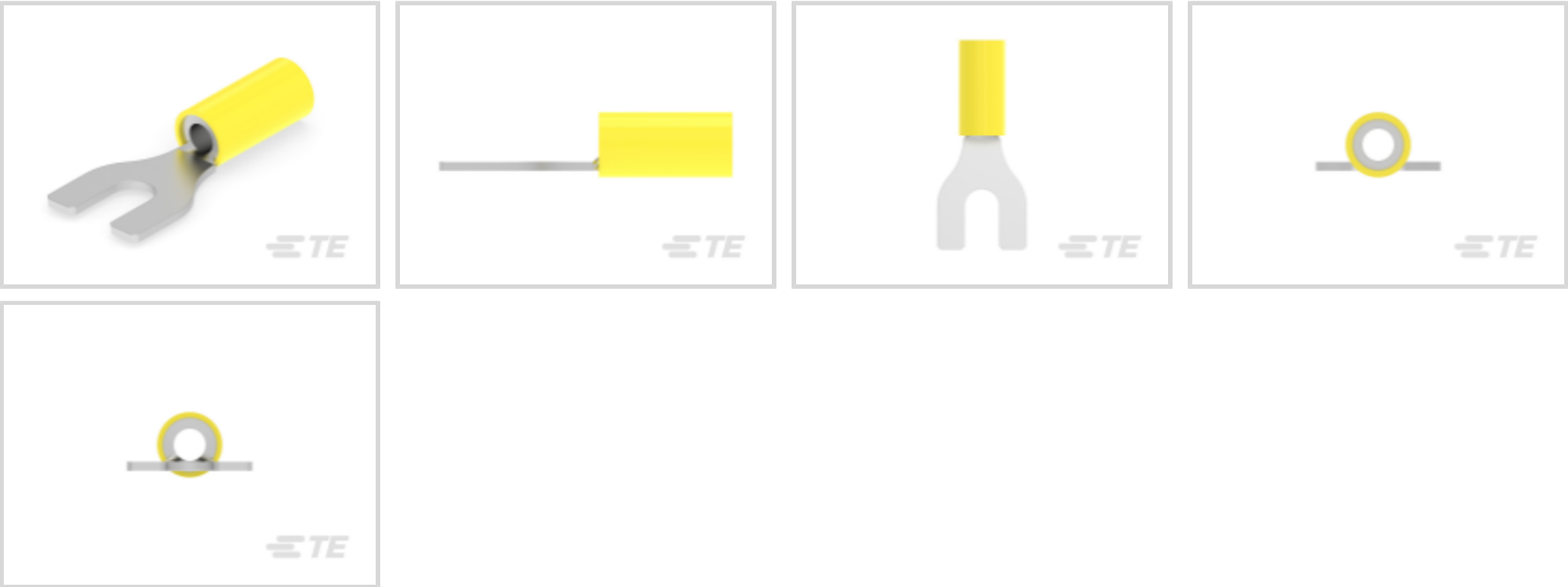


PLASTI-GRIP

TE Internal #: 165017
Spade Tongue Terminal, 12 – 10 AWG, M5 Stud, 5.2 mm [.205 in]
Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially
Insulated, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**
Wire Size: **5180 – 13100 CMA**
Stud Size: **M5**

Features

Product Type Features

Stud Size	M5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	600 V
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Body Features

Product Weight	2.289 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

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

Mechanical Attachment



Wire Insulation Support	Without
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5.2 mm[.205 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	33.07 mm[1.302 in]
Compatible Insulation Diameter (Max)	6.4 mm[.252 in]
Compatible Insulation Diameter Range	3.8 – 6.4 mm[.149 – .252 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 90 °C[0 – 194 °F]

Operation/Application

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

Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	500
Packaging Method	Box

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

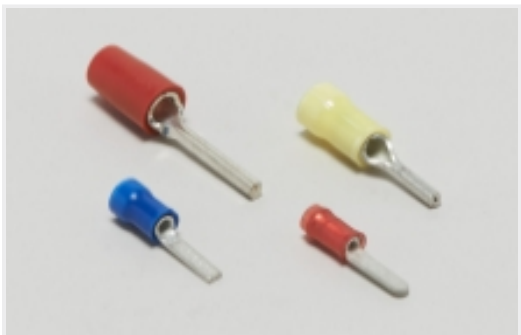


TE Part # 3-1377173-7
SMP 0-0165017-0

Also in the Series | PLASTI-GRIP



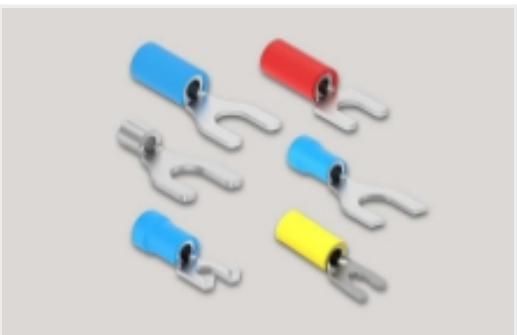
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)

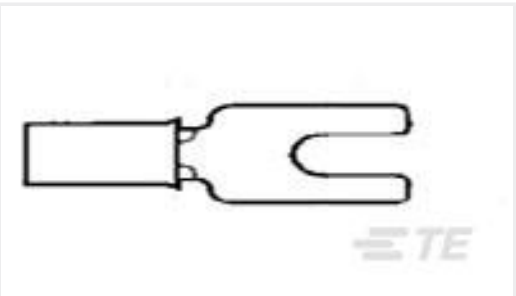


Splices(45)

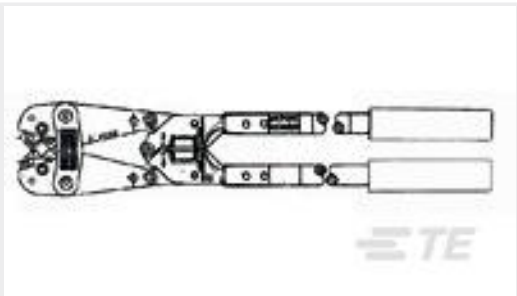
Customers Also Bought



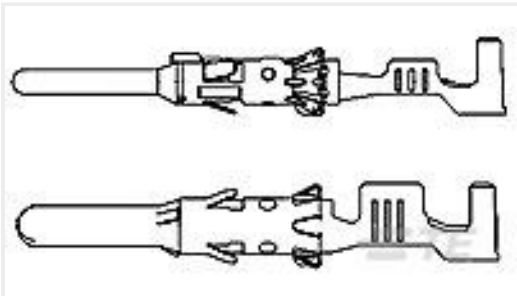
TE Part #34165
TERMINAL,PG SPD 16-14 6



TE Part #160171
P.G. SPADE



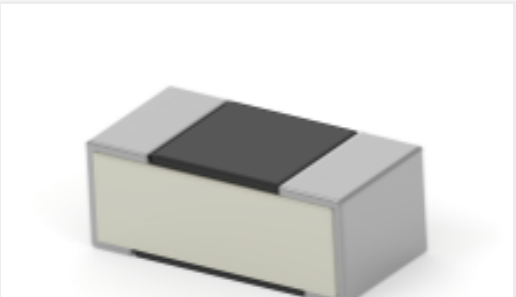
TE Part #600850
ROTO-CRIMP TOOL (ASI)



TE Part #929966-1
STIFTKONTAKT 2,5MMD



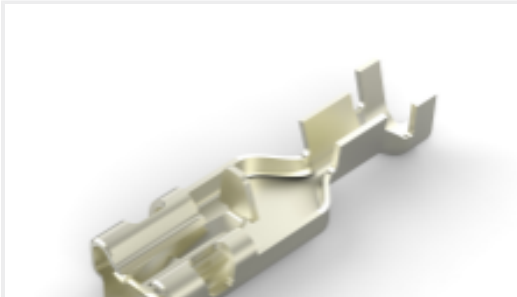
TE Part #9-1419143-5
RT174009



TE Part #1-1625873-3
ROX1S LAB-KIT



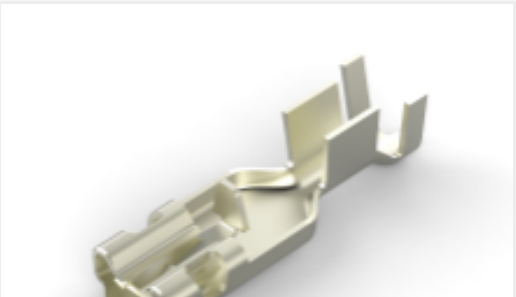
TE Part #1734577-4
MOD-JK,8P8C,SHD W/LED, G/Y,50U"



TE Part #2238104-1
250 PL MKII REC. 16-14AWG NPST



TE Part #2320934-2
AS16,PLUG ASSY,HT,04P,E SEAL, CODE B



TE Part #2825084-1
250 POS LOC REC 12-10 NIST

Documents

Product Drawings

PLASTI-GRIP, SPADE 12-10 5MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165017_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165017_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165017_L.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL Report

English