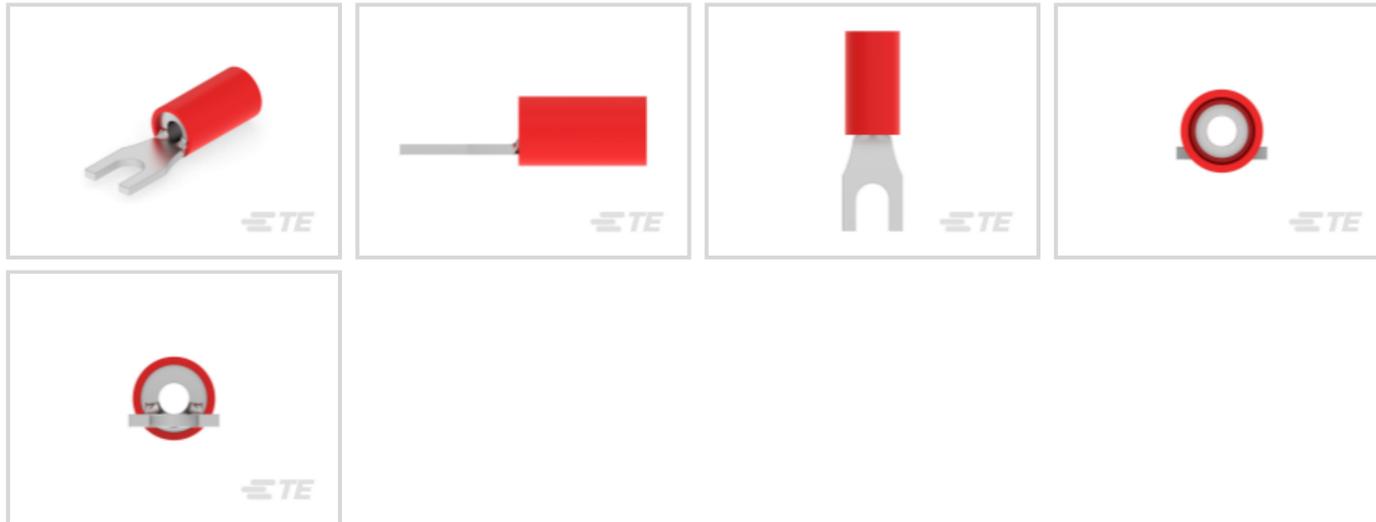# 130522 ✓ ACTIVE

PIDG

TE Internal #: 130522

Spade Tongue Terminal, 22 – 16 AWG, M2.5 Stud, 3 mm [.118 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

View on TE.com >

Terminals & Splices > Spade Terminals

Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **M2.5**

Features

Product Type Features

Stud Size	M2.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	300 V

Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

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

Mechanical Attachment

Wire Insulation Support	With

130522

Spade Tongue Terminal, 22 – 16 AWG, M2.5 Stud, 3 mm [.118 in] Stud Diameter,
Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3 mm[.118 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	19.6 mm[.772 in]
Compatible Insulation Diameter (Max)	3.8 mm[.15 in]
Compatible Insulation Diameter Range	2.7 – 3.8 mm[.106 – .15 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 105 °C[0 – 221 °F]

Operation/Application

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

Industry Standards

Government Qualified Terminal	No

Packaging Features

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	Low Halogen - Br, Cl, F < 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

Spade Tongue Terminal, 22 – 16 AWG, M2.5 Stud, 3 mm [.118 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

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 # 47386-4
DAHT PG PIDG 26-16 ASSY

TE Part # 2392021-2
RED BATTERY DAHT KIT 220V (47689-4)

TE Part # 2392021-1
RED BATTERY DAHT KIT 110V (47689-4)

TE Part # 169404
CERTI-LOK DIE

TE Part # 169400
CERTI-LOK FRAME W/O DIES

TE Part # 525690
DAHT PG PIDG 20-18 ASSY

Also in the Series | PIDG

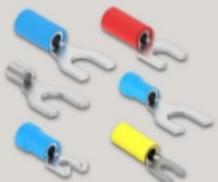Compression Connectors(50)

Crimp Wire Pins, Tabs & Ferrules(39)

Hand Crimping Tools(2)

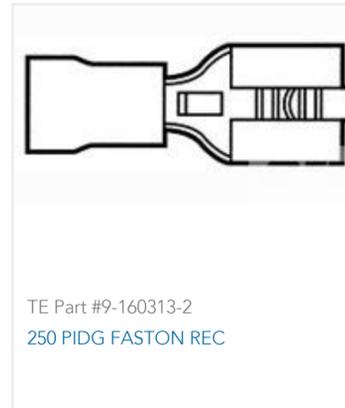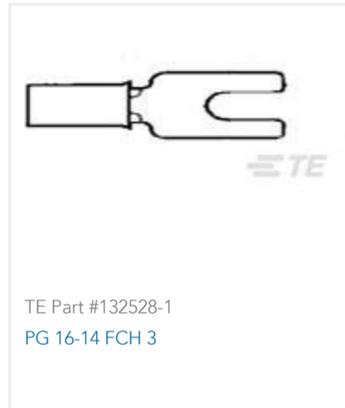Knife Disconnects(11)

Ring Terminals(589)

Spade Terminals(228)

Special Purpose Terminals(1)

Splices(41)

Spade Tongue Terminal, 22 – 16 AWG, M2.5 Stud, 3 mm [.118 in] Stud Diameter,
Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

Customers Also Bought

TE Part #6762513001	TE Part #3-87456-3	TE Part #132528-1	TE Part #9-160313-2
100G0111-0.25-2	38 MODIV HSG COMP DR .100CL	PG 16-14 FCH 3	250 PIDG FASTON REC

TE Part #280362	TE Part #2-320563-3	TE Part #1-1478916-0	TE Part #1623793-3
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.	TERMINAL,PIDG R IR 16 1/4	SMA STR PLG C/CRMP RG174 GSS	SQP5 1K0 5% MTL FLM

TE Part #7-1625971-8	TE Part #2273009-2
HSA25 R10 5%	M8 x 1.0 Angled socket Pigtail

Documents

Product Drawings
PIDG SPADE

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_130522_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_130522_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_130522_E.3d_stp.zip

English

130522

Spade Tongue Terminal, 22 – 16 AWG, M2.5 Stud, 3 mm [.118 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English