52409-2 DO NOT USE FOR NEW DESIGN

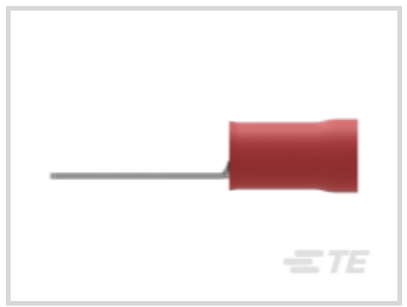
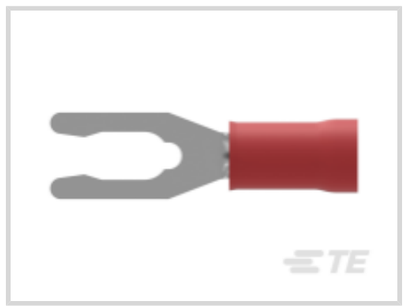
PIDG

TE Internal #: 52409-2

Spring Spade Terminal, 22 – 16 AWG, #6 / M3.5 Stud, 3.51 mm [.138 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

View on TE.com >

Terminals & Splices > Spade Terminals > PIDG Long Spring Spade Tongue Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#6, M3.5**

All PIDG Long Spring Spade Tongue Terminals (50)

Features

Product Type Features

Stud Size	#6, M3.5
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	Spring Spade Terminal
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.51 mm[.138 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	23.7 mm[.933 in]
Compatible Insulation Diameter (Max)	3.56 mm[.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm[.105 – .14 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 Quantity	5000
Packaging Method	Loose Piece

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

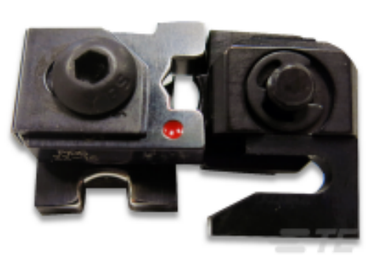
Product Compliance Disclaimer

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 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
DAHT PG PIDG 26-16 ASSY



TE Part # 47806-2
DIES PIDG 22-16 DIE SET

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



TE Part # 47386-4
DAHT PG PIDG 26-16 ASSY



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 59250
T-HEAD PIDG 26-14 ASSY



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



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY



TE Part # 525690
DAHT PG PIDG 20-18 ASSY

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



TE Part # 2063030-1
SDE DIESET, RBY, UL



TE Part # 539691-2
ERGO DIE R.B.Y

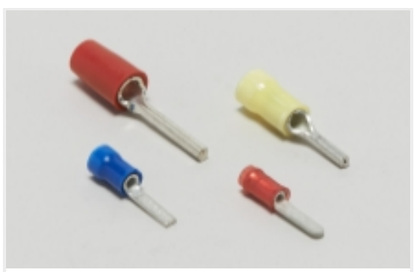


TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



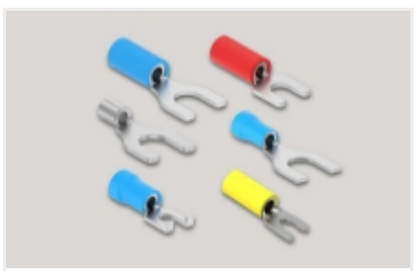
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #GA10K3A1AM
DISCRETE 10K, +/-0.05C FROM 32C to 44C



TE Part #61158-1
110 FASTON REC 22-18 AWG TPBR



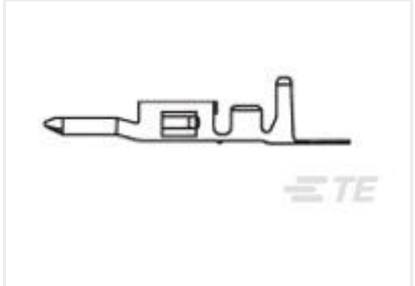
TE Part #1-84953-2
1MM FPC HORZ.TOP CONT.ASSY 12P



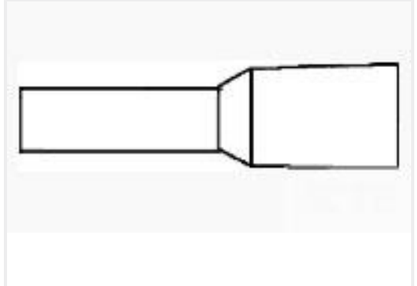
TE Part #1-770849-3
13P SL156 HSG W/LCK RMP & TABS



TE Part #1-770996-2
12P SL 156 HSG W/TABS W/O LR



TE Part #794955-4
VAL-U-LOK PIN PHBZ AU 22-18AWG



TE Part #966144-7
FER,WIRE,DBL,PL SLV,1.50/16,L12, BLACK,LP



TE Part #1676456-1
RN 0805 8K25 0.1% 10PPM CUT LENGTH



TE Part #1676639-2
RN 0805 10R 0.1% 10PPM 1K RL



TE Part #1676666-3
RN 0805 20R 0.1% 10PPM 5K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52409-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52409-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52409-2_J.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

Instruction Sheets

Instruction Sheet (U.S.)

English