

52409-3 ✓ ACTIVE



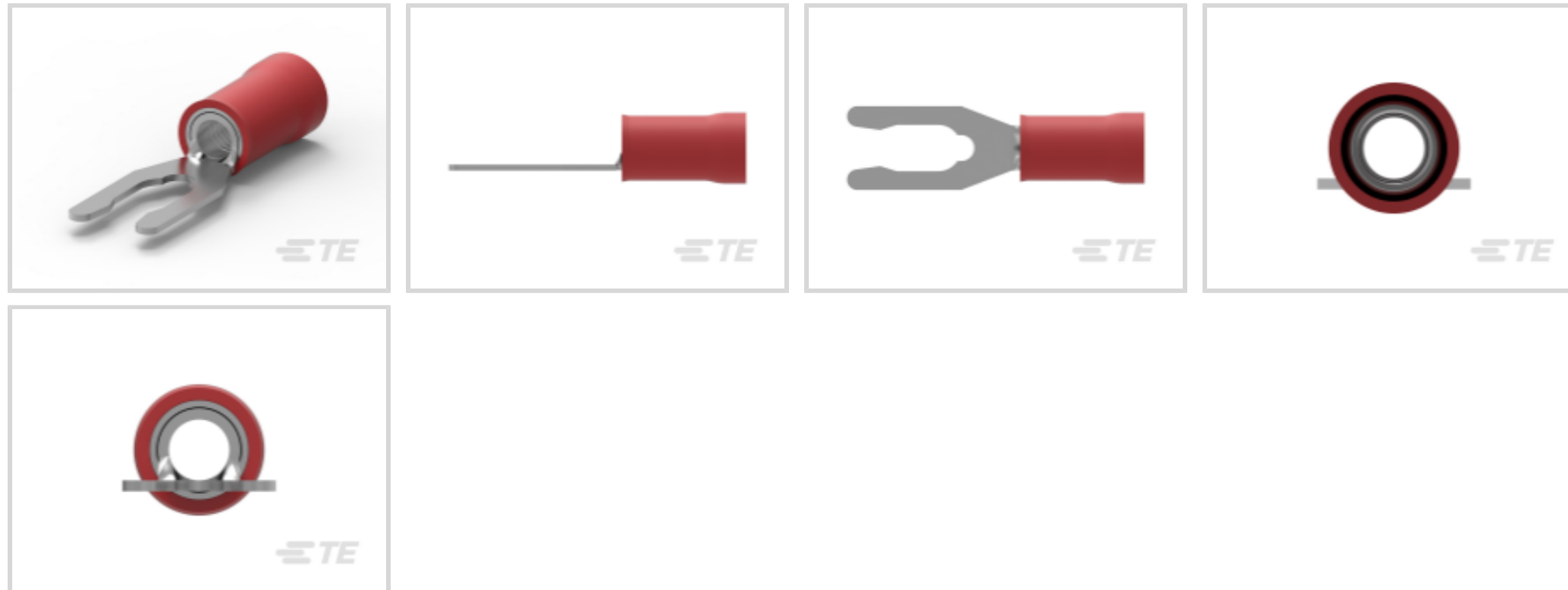
PIDG

TE Internal #: 52409-3

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

[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

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Electrical Characteristics

Voltage Rating	300 V
----------------	-------

Industry Standards

Government Qualified Terminal	No
-------------------------------	----

Body Features

Insulation Sleeve Color	Red
-------------------------	-----

Stripe Color	Red
--------------	-----

Packaging Features

Packaging Quantity	5000
--------------------	------

Packaging Method	Tape Mounted
------------------	--------------

Product Type Features

Stud Size	#6, M3.5
-----------	----------



Sealable	No
----------	----

Wire Insulation Support Retention Type	Insulation Support
--	--------------------

Contact Features

Spade Terminal Type	Spring Spade Terminal
---------------------	-----------------------

Barrel Type	Closed
-------------	--------

Terminal Orientation	Straight
----------------------	----------

Terminal Plating Material	Tin
---------------------------	-----

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
-------------------	---------------------

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Compatible With Wire Plating Material	Tin
---------------------------------------	-----

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

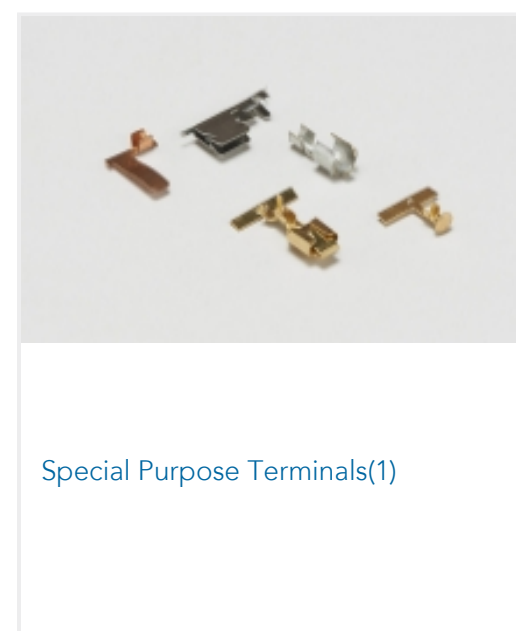
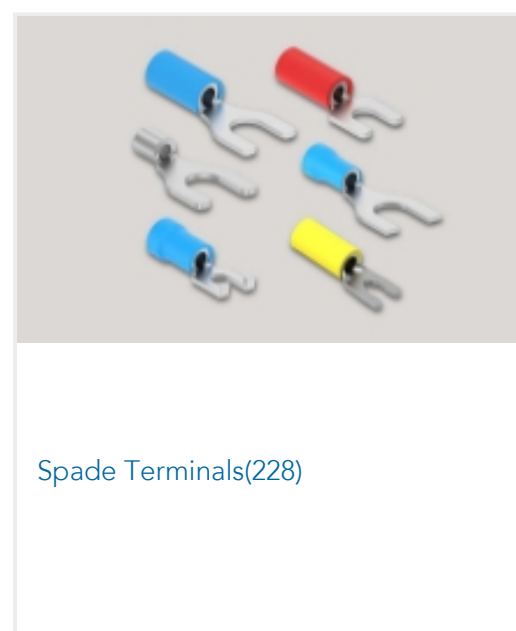
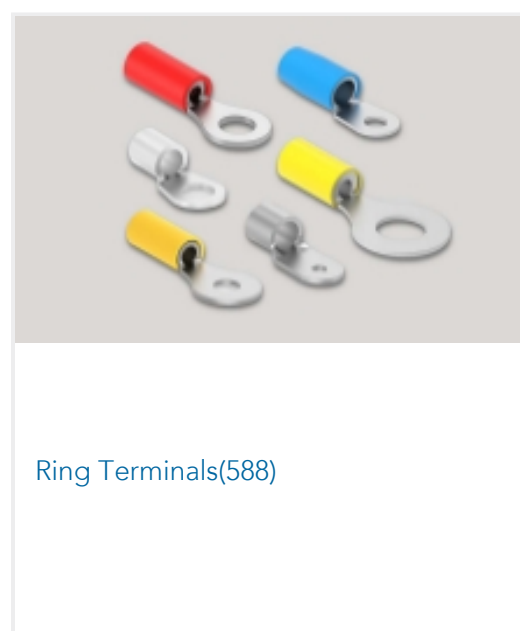
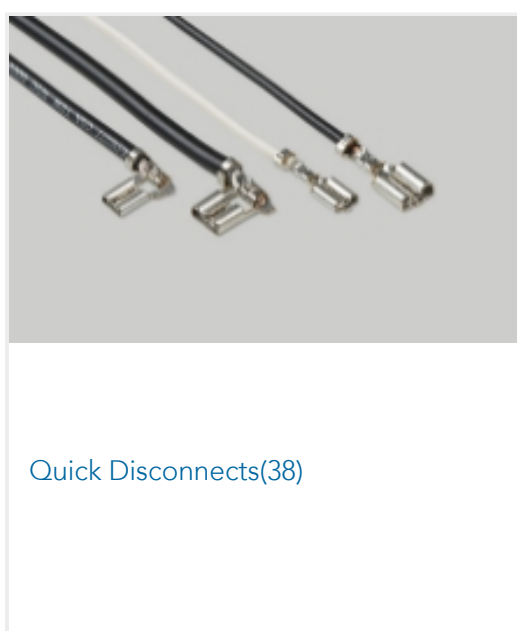
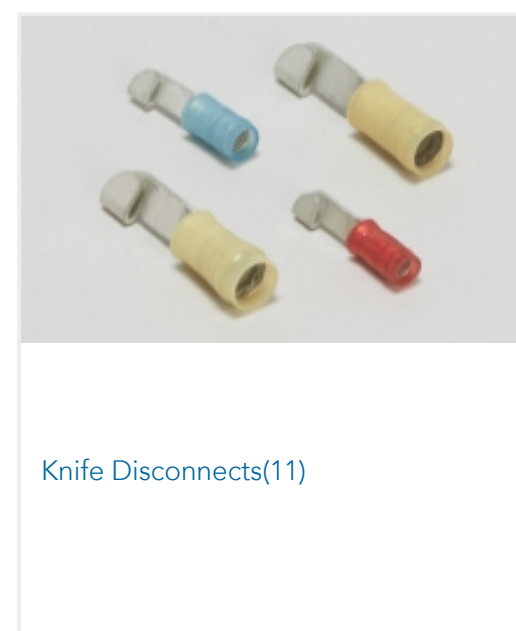
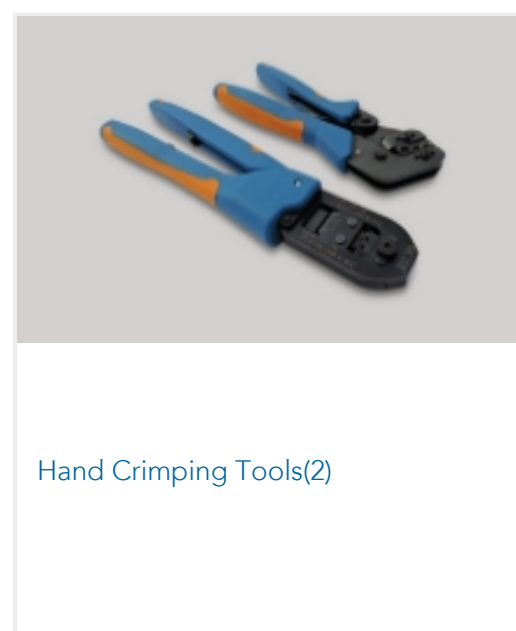
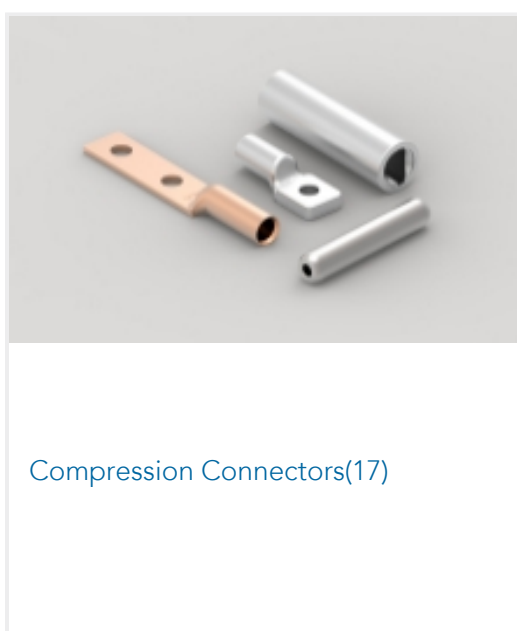
Product Compliance Disclaimer

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



Also in the Series | PIDG





Splices(41)

Customers Also Bought



TE Part #52411-1
 TERMINAL,PIDG SPR SPD 22-16 10



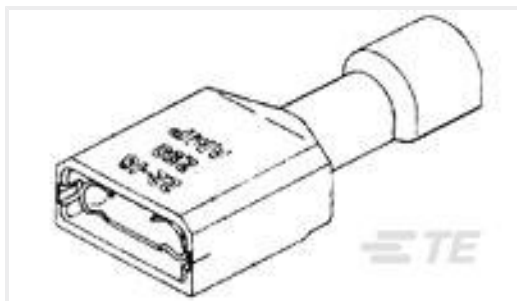
TE Part #63971-1
 250 FASTON TAB TPBR



TE Part #172171-1
 15 CIR UNIV M-N-L PLUG



TE Part #CAT-D485-CH8172
 DEUTSCH DTM Housings



TE Part #3-350816-2
 ULTRAFast 187 ASSY REC 16-14
 TPBR LP

Documents

Product Drawings

TERMINAL, PIDG SPR SPD 22-16 6

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_52409-3_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52409-3_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52409-3_J.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English