

52410-1 ✓ ACTIVE

PIDG

TE Internal #: 52410-1

Ring Terminals & Spade Terminals, Spring Spade, 22 – 16 AWG

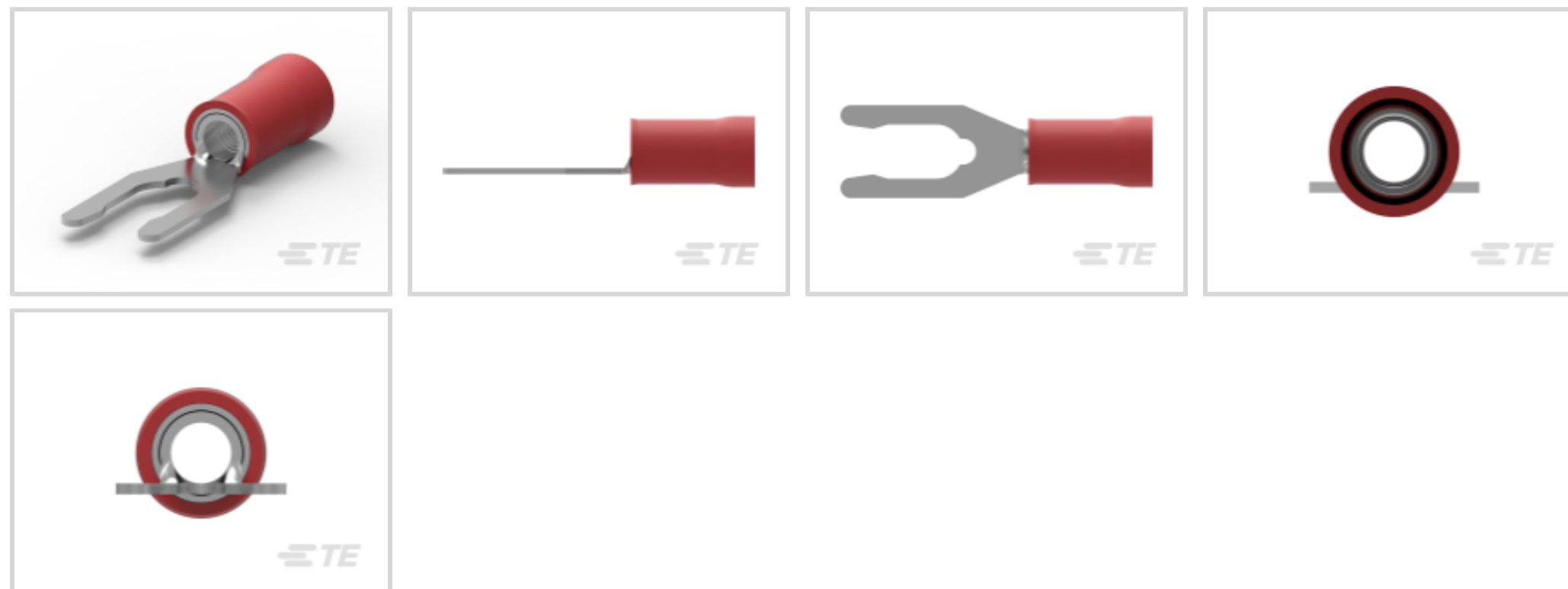
Wire Size, .3 – 1.42 mm² Wire Size, 509 – 3260 CMA Wire Size, Stud

Size #8 / M4

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals > PIDG LONG SPRING SPADE TONGUE TERMINALS



Ring & Spade Terminal Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

[All PIDG LONG SPRING SPADE TONGUE TERMINALS \(52\)](#)

Features

Product Type Features

Shape Description	SPADE-031
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Terminal Angle	180 °
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Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

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Ring & Spade Terminal Type	Spring Spade
Barrel Type	Closed
Terminal Orientation	Offset
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.79 mm[.031 in]
Overall Product Length	24.87 mm[.979 in]
Accepts Wire Insulation Diameter (Max)	3.18 mm[.125 in]
Accepts Wire Insulation Diameter Range	2.03 – 3.18 mm[.08 – .125 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin
Heavy Duty	No

Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	5000
Packaging Method	Tape Mounted

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 2022

(224)

Candidate List Declared Against: JAN 2022

(223)

SVHC > Threshold:

Not Yet Reviewed

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

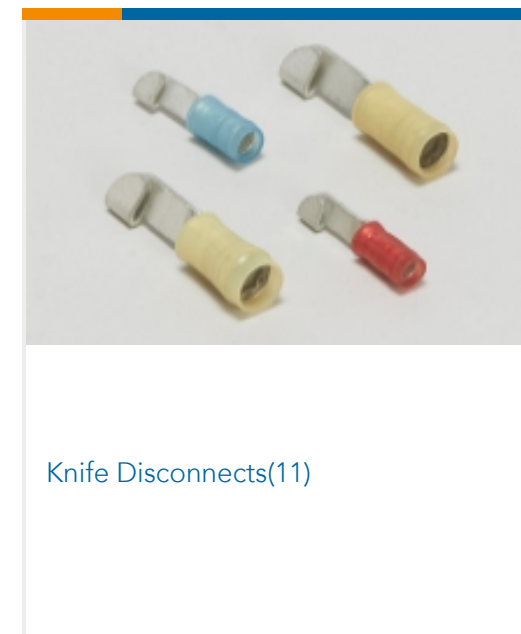
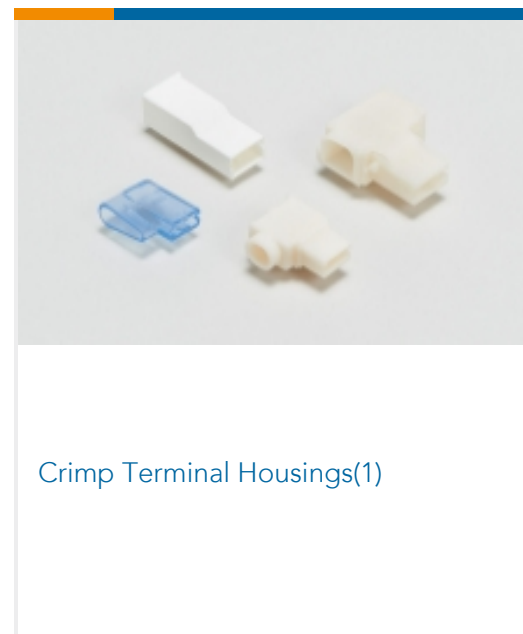
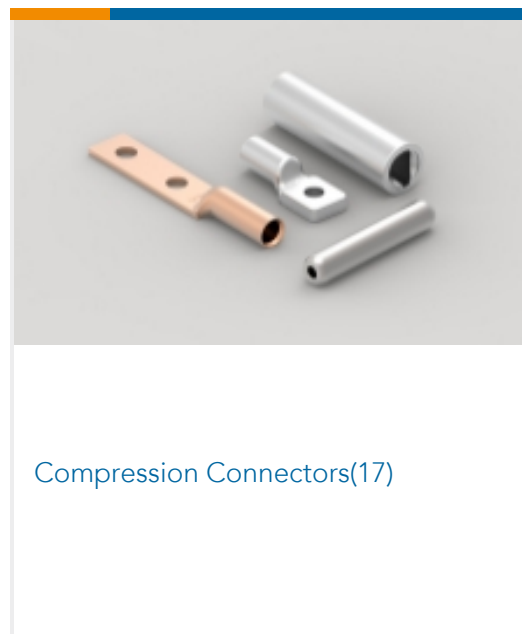
Product Compliance Disclaimer

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

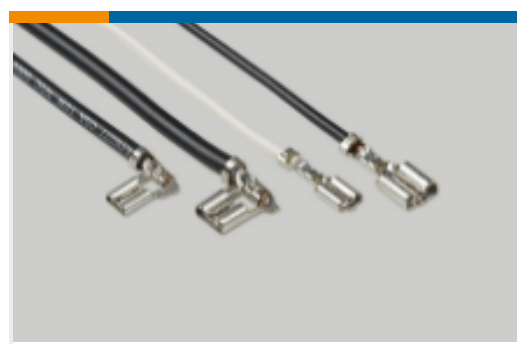




PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)

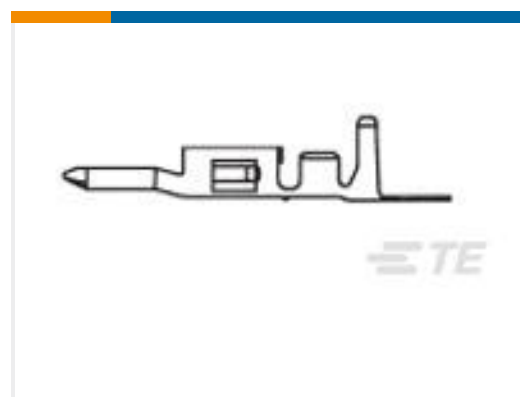


Splices(48)

Customers Also Bought



TE Part #640455-5
Polyester Right Angle PCB Header:
2.54mm, Wire-to-Board, MTA 100



TE Part #1586314-2
VAL-U-LOK PIN BR AU 22-18 LP



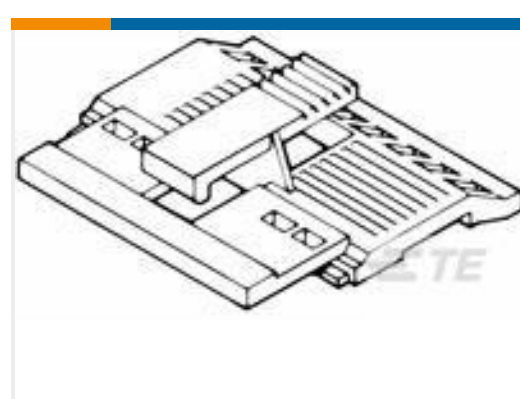
TE Part #770092-1
09P .093 COMM P&S RECPT HSG



TE Part #2267079-3
TMS1T3B1M1QE



TE Part #4-2176331-7
CRGP 2512 68K 1%



TE Part #1-102681-0
30 AMPMODU MT COVER DR .100CL

Documents

Product Drawings

[PIDG SP SPD 22-16COMM22-18MIL8](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_52410-1_H.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_52410-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52410-1_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[PIDG Terminals and Splices Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[CSA Certificate](#)

English