

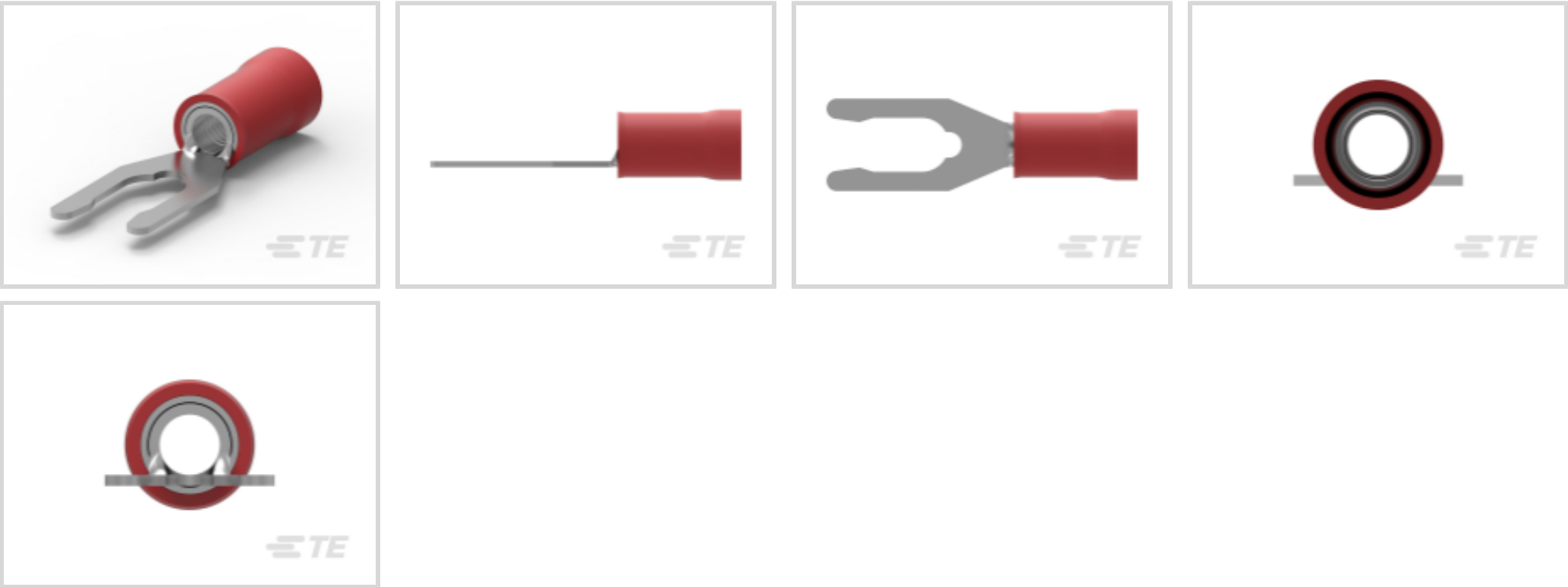


PIDG

TE Internal #: 52410-1  
Spring Spade Terminal, 22 – 16 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, 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: **#8, M4**

[All PIDG Long Spring Spade Tongue Terminals \(50\)](#)

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #8, M4             |
| 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                        | 4.17 mm[.164 in]              |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 24.87 mm[.979 in]             |
| Compatible Insulation Diameter (Max) | 3.18 mm[.125 in]              |
| Compatible 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    |

Industry Standards

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

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

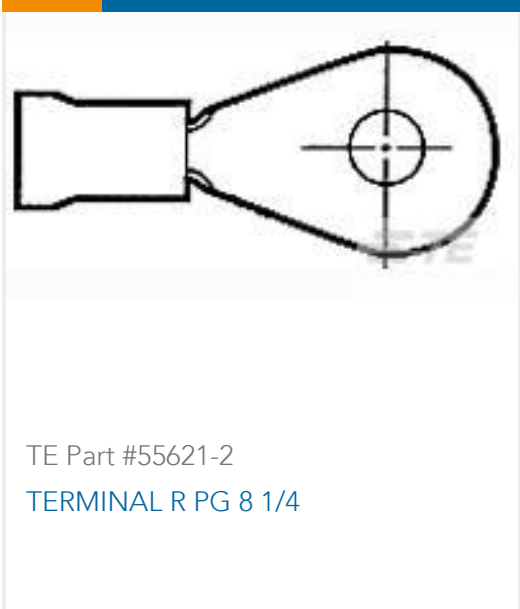
|                                              |                                      |                                            |                                   |
|----------------------------------------------|--------------------------------------|--------------------------------------------|-----------------------------------|
|                                              |                                      |                                            |                                   |
| TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252 | TE Part # 58423-1<br>DIE, RBY IS9252 | TE Part # 47386<br>DAHT PG PIDG 26-16 ASSY | TE Part # 169404<br>CERTI-LOK DIE |

Also in the Series | PIDG

|                            |                                      |                        |                              |
|----------------------------|--------------------------------------|------------------------|------------------------------|
|                            |                                      |                        |                              |
| Compression Connectors(17) | Crimp Wire Pins, Tabs & Ferrules(41) | Hand Crimping Tools(2) | Knife Disconnects(11)        |
|                            |                                      |                        |                              |
| Quick Disconnects(32)      | Ring Terminals(589)                  | Spade Terminals(228)   | Special Purpose Terminals(1) |



Customers Also Bought



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

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

Datasheets & Catalog Pages

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

English

Agency Approvals

[CSA Certificate](#)

English