

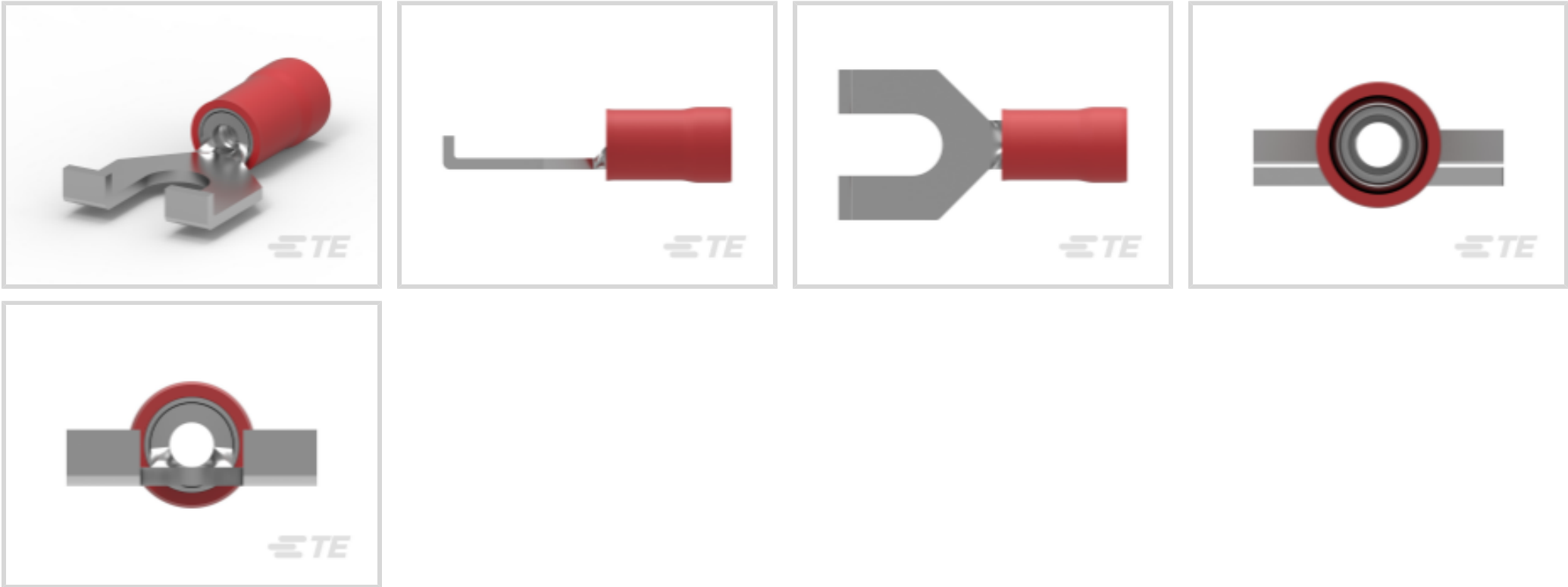


PIDG

TE Internal #: 32498  
Spade Flange Tongue Terminal, 22 AWG, #8 / M4 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Flanged, Tin, Partially Insulated, PIDG

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Terminals & Splices > Spade Terminals > PIDG Flanged Spade Tongue Terminals



Spade Terminal Type: **Spade Flange Tongue Terminal**  
Wire Size: **509 - 3260 CMA**  
Stud Size: **#8, M4**

[All PIDG Flanged Spade Tongue Terminals \(51\)](#)

Features

Product Type Features

|                                        |                        |
|----------------------------------------|------------------------|
| Stud Size                              | #8, M4                 |
| Sealable                               | No                     |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Contact Features

|                           |                              |
|---------------------------|------------------------------|
| Spade Terminal Type       | Spade Flange Tongue Terminal |
| Barrel Type               | Closed                       |
| Terminal Orientation      | Flanged                      |
| 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 | .84 mm [.033 in]  |

|                                      |                               |
|--------------------------------------|-------------------------------|
| Product Length                       | 21.08 mm[.83 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 | 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 | 1000        |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

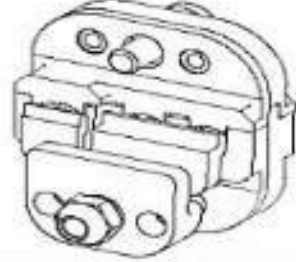
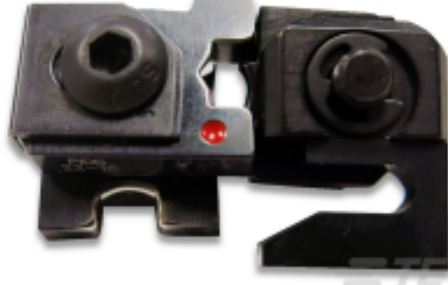
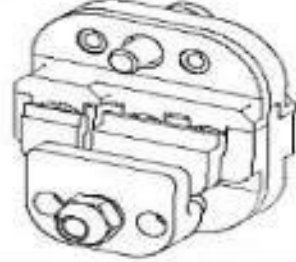
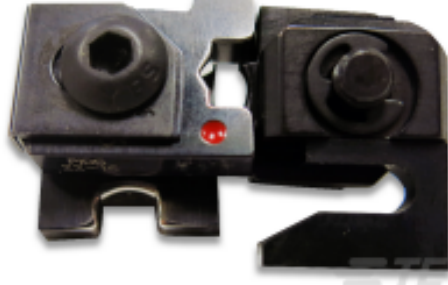
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

|                                                                                                                                                        |                                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>   |  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>                   |  <p>TE Part # 47386-4<br/>DAHT PG PIDG 26-16 ASSY</p>   |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p>   |
|  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>                  |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>                       |  <p>TE Part # 525690<br/>DAHT PG PIDG 20-18 ASSY</p>  |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         |
|  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>                 |  <p>TE Part # 47806-2<br/>DIES PIDG 22-16 DIE SET</p>               |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p> |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p> |
|  <p>TE Part # 2392021-2<br/>RED BATTERY DAHT KIT 220V (47689-4)</p> |  <p>TE Part # 2392021-1<br/>RED BATTERY DAHT KIT 110V (47689-4)</p> |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>            |  <p>TE Part # 1SET191002R0000<br/>TET CRIMP-HT</p>    |

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(5)



Quick Disconnects(47)



Ring Terminals(589)



Spade Terminals(230)

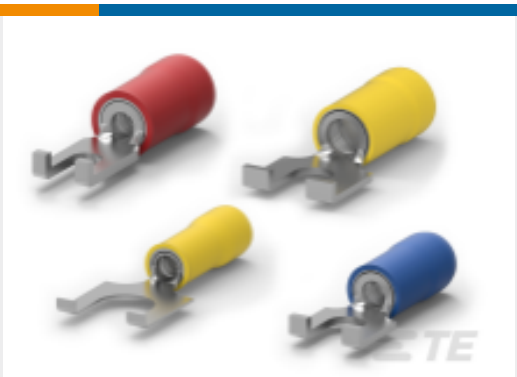


Special Purpose Terminals(1)

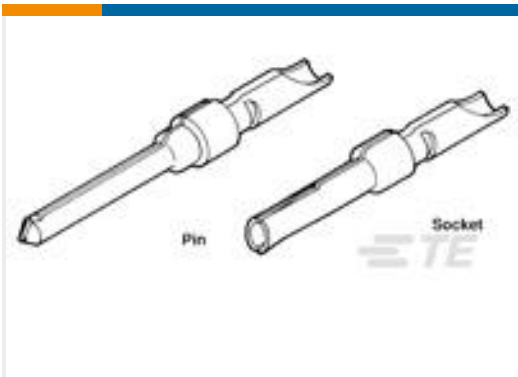


Splices(43)

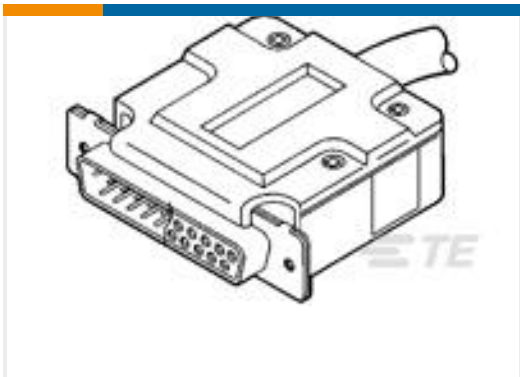
Customers Also Bought



TE Part # 2-32561-1  
PIDG Flanged Spade Tongue Terminals



TE Part # 66569-2  
20DF SOCKET, PLATED



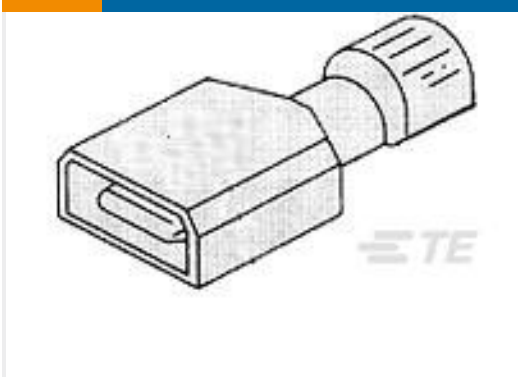
TE Part # 207345-1  
CABLE CLAMP KIT, SZ 3



TE Part # 66105-2  
III+ SKT, 24-20, TIN-LEAD, LP



TE Part # 1-66098-9  
II+ PIN, 18-16, TIN STRIP



TE Part # 3-521191-2  
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR



TE Part # 58246-3  
MTA 100 CRIMP HEAD PRODUCTION RBBN CABLE



TE Part # 552100-1  
CLIP, BAIL



Documents

Product Drawings

PIDG SPDFLG 22-16COM22-18MIL 8

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_32498\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_32498\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_32498\_K.3d\_stp.zip

English

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Agency Approvals

UL Report

English