



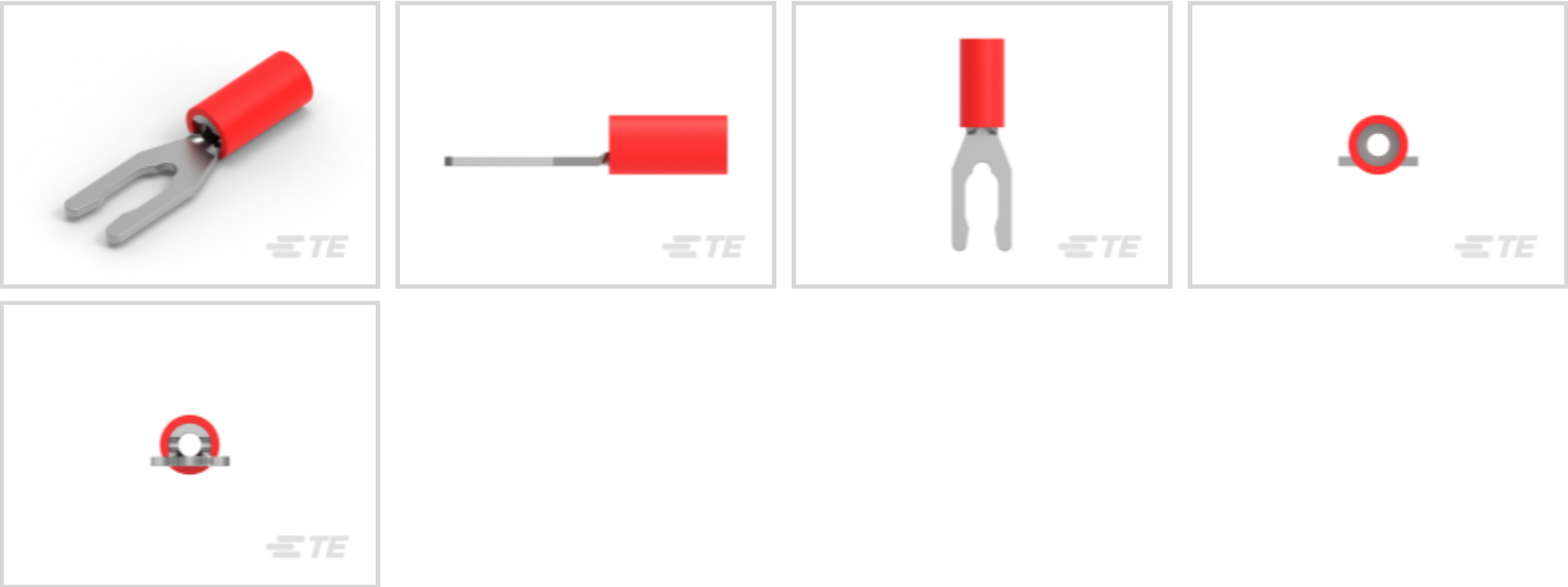
PLASTI-GRIP

TE Internal #: 52453

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

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

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

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #6, M3.5           |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 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                     | 1.07 mm[.042 in]              |
| Product Length                       | 24 mm[.945 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 – 90 °C[0 – 194 °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>

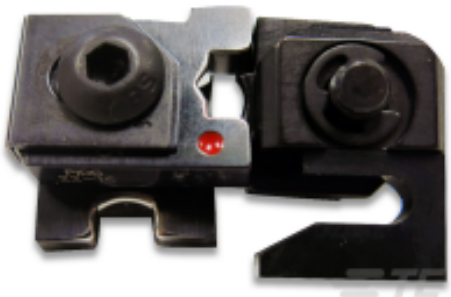
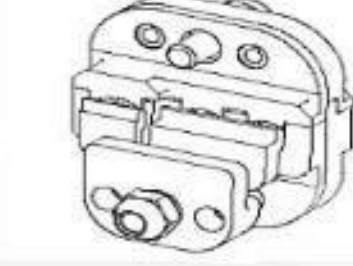
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| 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>

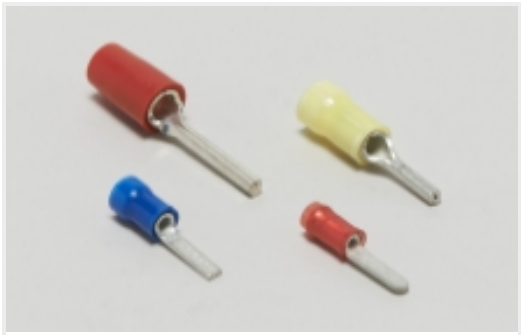
Compatible Parts

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

Also in the Series | **PLASTI-GRIP**



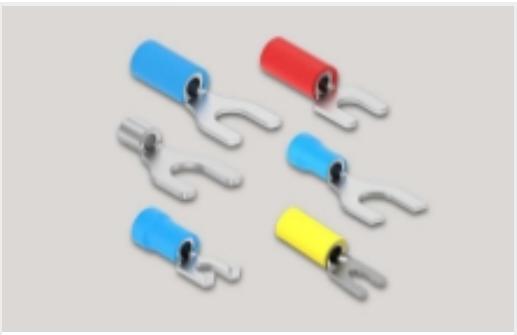
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)

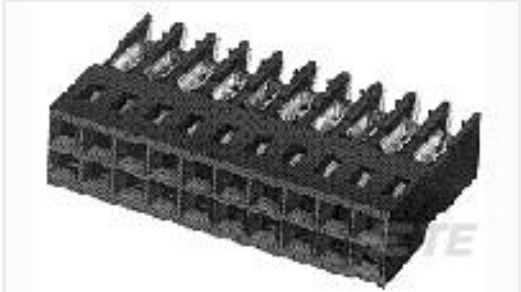


Splices(45)

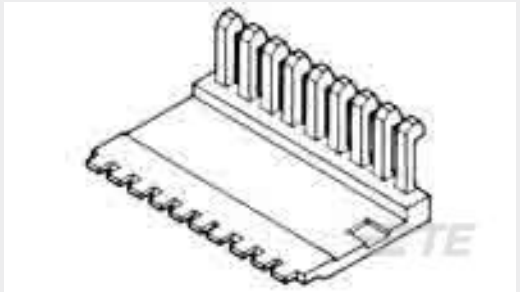
Customers Also Bought



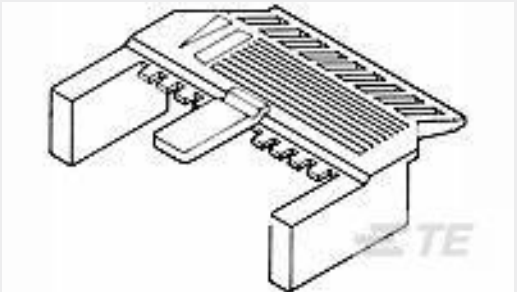
TE Part #52430  
TERMINAL,PIDG SPR SPD 12-10 6



TE Part #6-102398-8  
40 AMPMODU MT ASSY DR .100CL



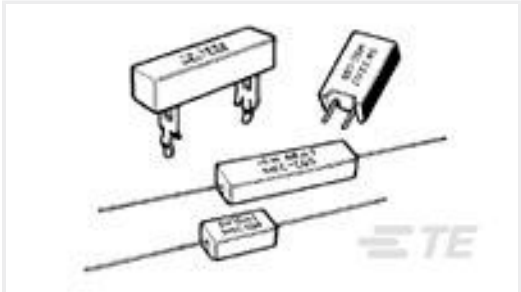
TE Part #1-102536-8  
40 AMPMODU MT COVER DR .100CL



TE Part #1-102537-8  
40 AMPMODU MT COVER DR .100CL



TE Part #3-641435-3  
03P MTA156 CONN ASSY ORNG



TE Part #1623802-7  
SQZ15 120K 5% (METAL FILM)



TE Part #CAT-C339-H85913  
Power Resistors: Aluminum Housed, HSA



TE Part #4-1825136-4  
A101SYCB04



TE Part #5749204-1  
68 50SR KIT,75D,UK

Documents

Product Drawings

PG SPR SPD 22-16COMM22-18MIL 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_52453\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_52453\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_52453\_P.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_52453\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_52453\_P.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_52453\_P.2d\_dxf.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English