

53241-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 53241-1

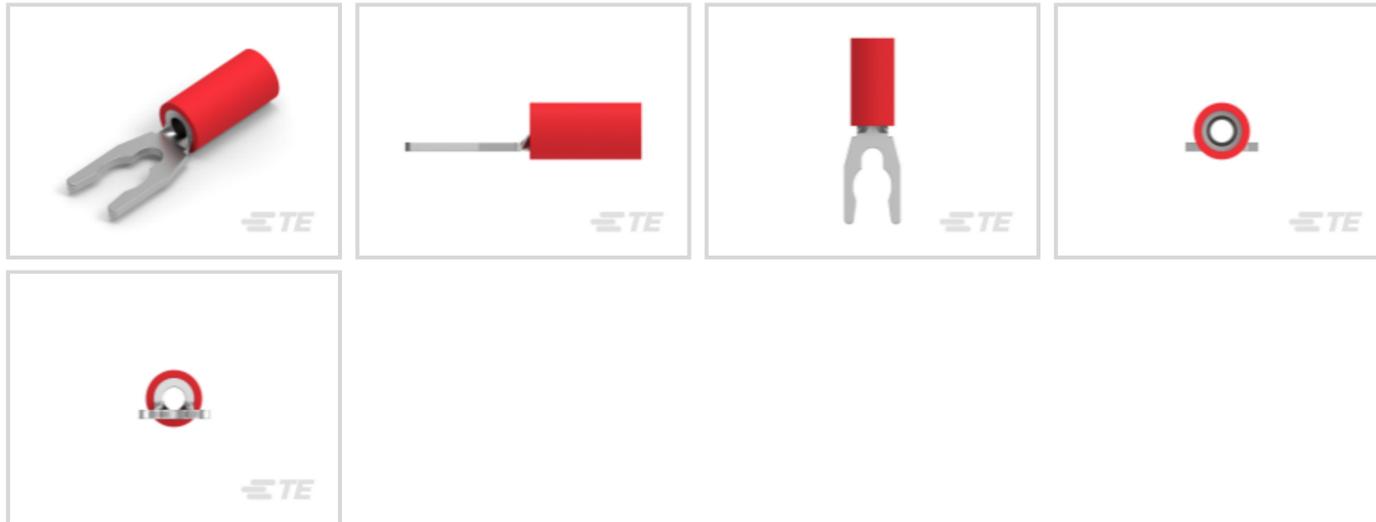
Spring Spade Terminal, 22 AWG, #8 / M4 Stud, 4.17 mm [.164 in]

Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

### Features

#### Product Type Features

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

#### Electrical Characteristics

Voltage Rating	1000 V, 600 V
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#### 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
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm [.164 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	22.15 mm [.872 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 – 105 °C [0 – 221 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

### Industry Standards

Government Qualified Terminal	No
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### 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) Candidate List Declared Against: JUNE 2025 (250) 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

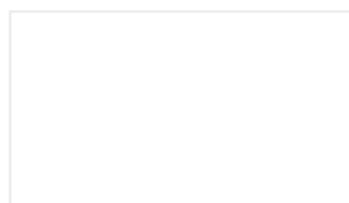
Product Compliance Disclaimer

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



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 2392021-1  
RED BATTERY DAHT KIT 110V (47689-4)



TE Part # 169404  
CERTI-LOK DIE



TE Part # 539691-2  
ERGO DIE R.B.Y



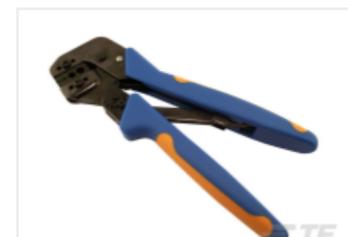
TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



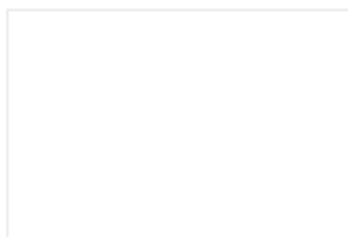
TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY



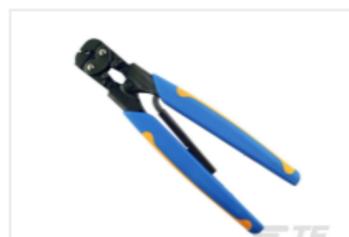
TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252



TE Part # 2392021-2  
RED BATTERY DAHT KIT 220V (47689-4)



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



TE Part # 169400  
CERTI-LOK FRAME W/O DIES



TE Part # 59250  
T-HEAD PIDG 26-14 ASSY



TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 525690  
DAHT PG PIDG 20-18 ASSY

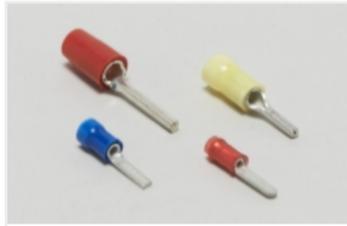


TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY

## Also in the Series | PLASTI-GRIP



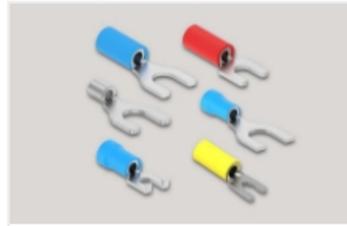
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

## Customers Also Bought



TE Part #52263  
TERMINAL R PG 8 10



TE Part #58247-1  
MTA 156 CRIMP HEAD REPAIR  
DISCRETE



TE Part #3-640427-2  
02P MTA156 CONN ASSY 20AWG YEL



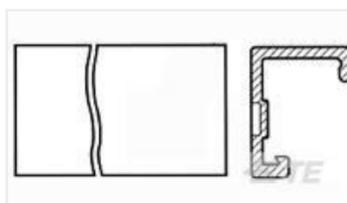
TE Part #3-640427-3  
03P MTA156 CONN ASSY 20AWG YEL



TE Part #3-640428-3  
03P MTA156 CONN ASSY 22AWG RED



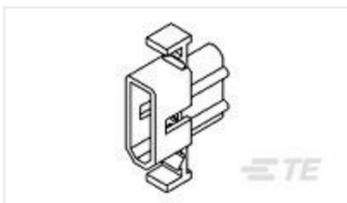
TE Part #3-640429-3  
03P MTA156 CONN ASSY 24AWG  
WHT



TE Part #640551-3  
03P MTA156 COVER



TE Part #3-643817-4  
04P MTA156 CONN ASSY 18AWG  
ORA



TE Part #770334-1  
04P .062 COMM P&S PLUG



TE Part #2-6609107-6  
PSOSXS30=C1061



## Documents

### Product Drawings

[PG SPR SPD 22-16COMM 22-18MIL8](#)

English

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### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_53241-1\\_K1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53241-1\\_K1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53241-1\\_K1.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53241-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53241-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53241-1\\_M.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English

[UL Report](#)

English