

53242-6 ✓ ACTIVE

PLASTI-GRIP

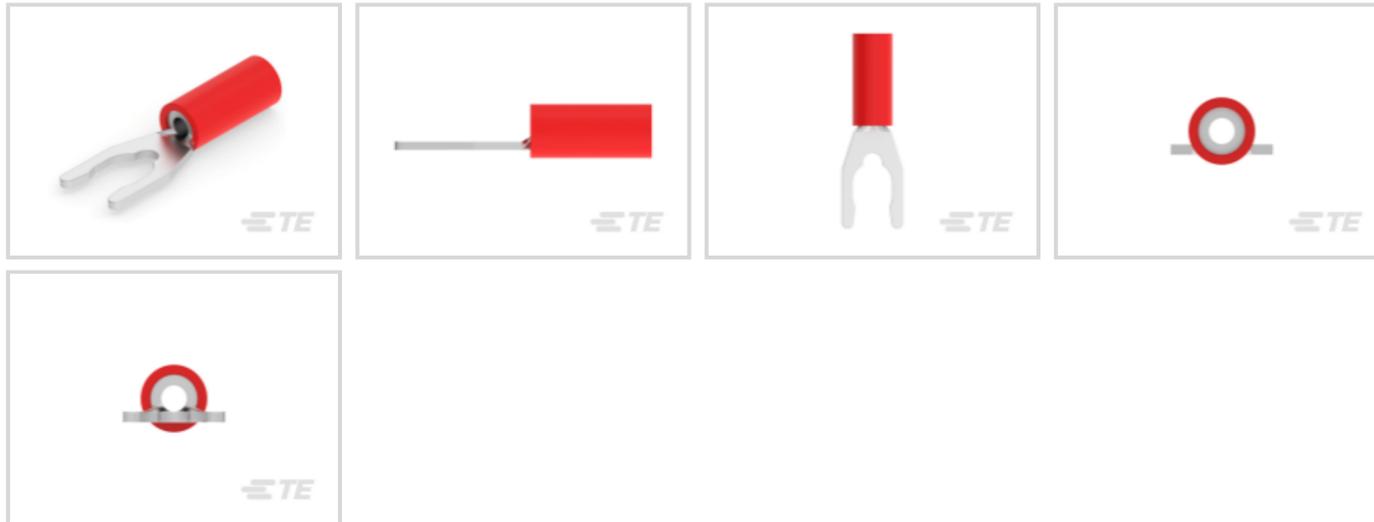
TE Internal #: 53242-6

Spring Spade Terminal, 22 – 16 AWG, #10 Stud, 4.83 mm [.19 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: **#10**

Features

Product Type Features

| | |
|--|--------------------|
| Stud Size | #10 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

| | |
|----------------|---------------|
| Voltage Rating | 1000 V, 600 V |
|----------------|---------------|

Body Features

| | |
|-------------------------|--------|
| Product Weight | .155 g |
| 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 | 4.83 mm [.19 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Product Length | 24.61 mm [.969 in] |
| Compatible Insulation Diameter (Max) | 5.08 mm [.2 in] |
| Compatible Insulation Diameter Range | 3.81 – 5.08 mm [.15 – .2 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 |
|-------------------------------|----|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 2500 |
| Packaging Method | Tape & Reel |

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



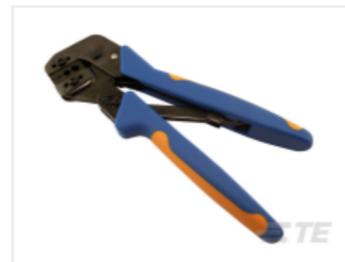
TE Part # 169404
CERTI-LOK DIE



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



TE Part # 58423-1
DIE, RBY IS9252



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



TE Part # 47386
DAHT PG PIDG 26-16 ASSY

Also in the Series | PLASTI-GRIP



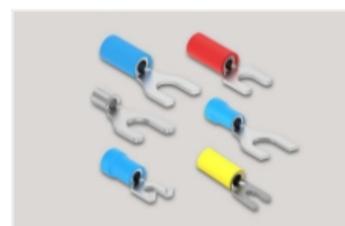
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought

TE Part #992899-000
D-110-0181TE Part #31887
PIDG R 22-16 COMM 22-18 MIL 10TE Part #32054
PIDG SPD 22-16COMM 22-18MIL 10TE Part #35653
SPLICE,N CE 22-10TE Part #66106-8
III+ PIN,26-24,30AU/FL,STRIPTE Part #5-87589-4
16 MODII HDR DRST SHRD .100CLTE Part #350550-3
UMNL SOK 20-14 PTPPHBZ L/PTE Part #1-640388-5
15P MTA156 HDR ASSY RN STR F/LTE Part #2311765-2
AMPL REC, HD20, R/A, 9P, S/L, .318TE Part #5-1393788-5
V23079D1001B301

Documents

Product Drawings

[PG SPR SPD 22-16COM22-18MIL 10](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_53242-6_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_53242-6_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53242-6_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53242-6_K.3d_igs.zip](#)

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[ENG_CVM_53242-6_K.3d_stp.zip](#)

English

Customer View Model

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English

3D PDF

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English