

53245-6 ✓ ACTIVE

PLASTI-GRIP

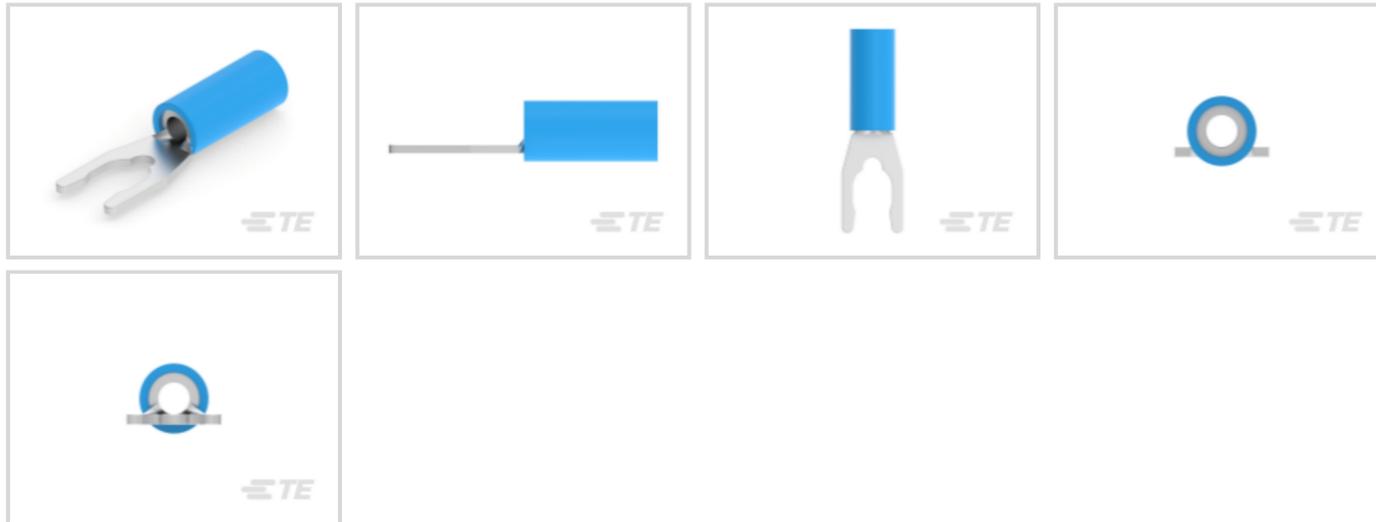
TE Internal #: 53245-6

Spring Spade Terminal, 16 AWG, #10 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: **2050 – 5180 CMA**

Stud Size: **#10**

Features

Product Type Features

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

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

| | |
|-------------------------|------|
| Insulation Sleeve Color | Blue |
| Stripe Color | Blue |

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 | 2050 – 5180 CMA |
| Stud Diameter | 4.17 mm [.164 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Product Length | 24.61 mm [.969 in] |
| Compatible Insulation Diameter (Max) | 6.35 mm [.25 in] |
| Compatible Insulation Diameter Range | 3.81 – 6.35 mm [.15 – .25 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 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 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

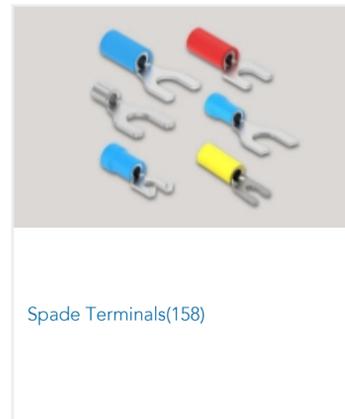
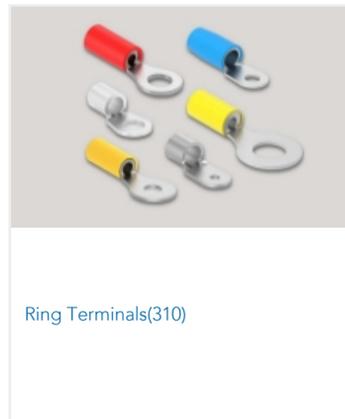
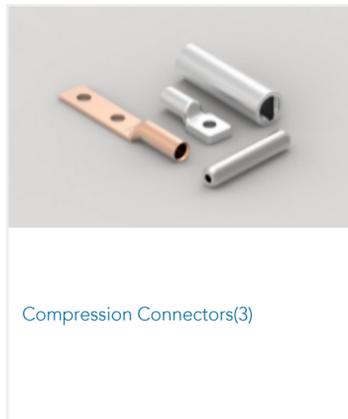


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | PLASTI-GRIP





Splices(45)

Customers Also Bought

TE Part #520197P044
RT-3-NO.2-0-1.125INTE Part #2-34162-1
TERMINAL,PG R 16-14 1/4TE Part #52856-1
TERMINAL,PG SPD FLG 12-10 10TE Part #53242-2
PG SPR SPD 22-16COM22-18MIL 10TE Part #61944-2
250 FASTON REC 18-14 AWG TPBRTE Part #350699-1
UMNL SPLIT PIN PTPBRTE Part #2-520263-2
ULTRA-FAST 250 ASY REC 22-18 TPBRTE Part #4-520447-2
ULTRA-FAST 250 ASY REC 12-10 AWG
TPBRTE Part #8-1393211-7
T92S11A22-240TE Part #1742539-3
CLUSTER BLOCK RECEIPT,TPCuFeP

Documents

Product Drawings

[TERMINAL,PG SPR SPD 16-14 10](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_53245-6_L.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_53245-6_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53245-6_L.3d_stp.zip](#)

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[ENG_CVM_53245-6_L1.3d_igs.zip](#)

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[ENG_CVM_53245-6_L1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53245-6_L1.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English