

53246-1 ✓ ACTIVE

PLASTI-GRIP

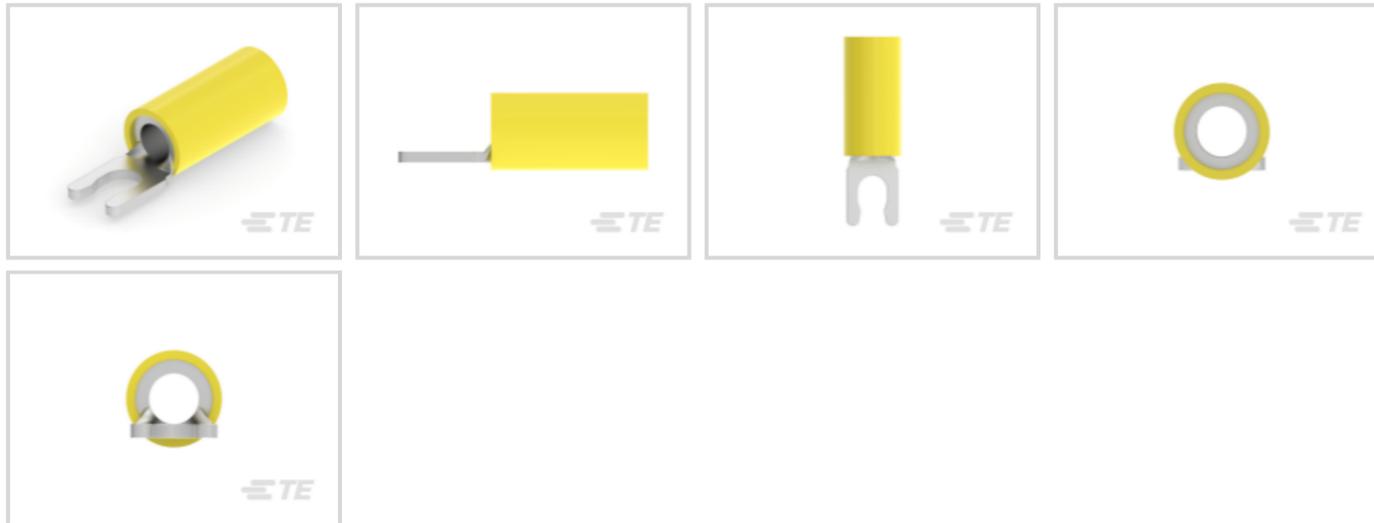
TE Internal #: 53246-1

Spring Spade Terminal, 12 – 10 AWG, #6 / M3.5 Stud, 3.56 mm [.14 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **5180 – 13100 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 | Yellow |
| Stripe Color | Yellow |

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 | 5180 – 13100 CMA |
| Stud Diameter | 3.56 mm [.14 in] |
| Tongue Thickness | 1.02 mm [.04 in] |
| Product Length | 24.36 mm [.959 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 | 500 |
| 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>

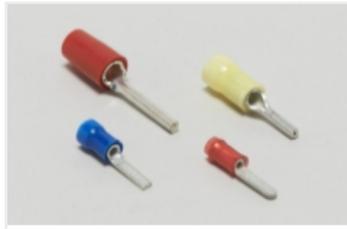
Compatible Parts



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



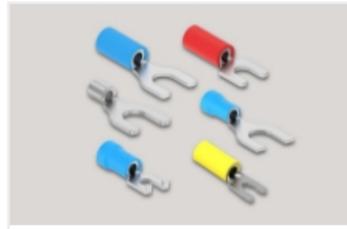
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)

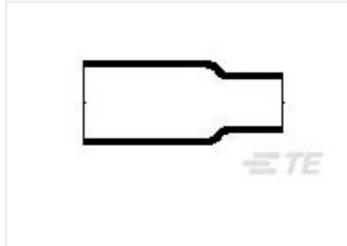


Splices(45)

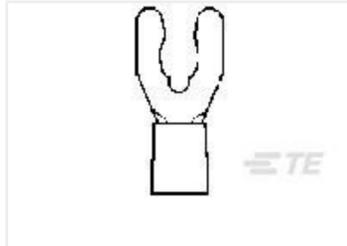
Customers Also Bought



TE Part #262030-001
81044/6-20-9



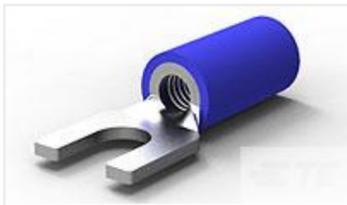
TE Part #129931-000
202E532-25/86-0



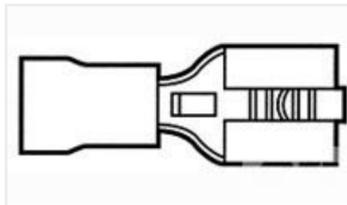
TE Part #53245-2
TERMINAL,PG SPR SPD 16-14 10



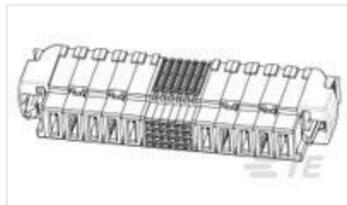
TE Part #66359-4
PIN CONT,.062 DIA,TYPE III



TE Part #2-322994-1
TERMINAL,PG SPD 16-14 6



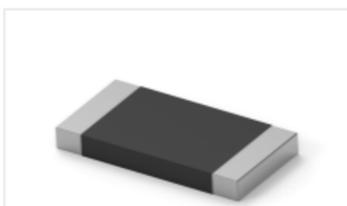
TE Part #640905-1
RECEPT,PIDG FASTON 16-14 250



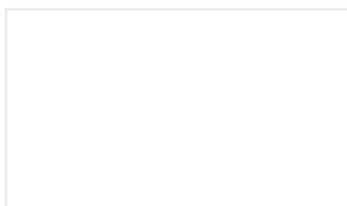
TE Part #1600798-2
STR RCPT ASSY MBXL W/KEYS 2ACP



TE Part #1-2176343-4
CRGCQ 1206 120R 1%



TE Part #4-2176421-8
TLRP 2512 2.0W R009 1% 50PPM 4K RL



TE Part #CA7641N001
S200-3-9030CS2904

Documents



Product Drawings

[TERMINAL,PG SPR SPD 12-10 6](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_53246-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53246-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53246-1_K.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

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English