

52963-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 52963-1

Ring Terminals & Spade Terminals, Spring Spade, 12 – 10 AWG

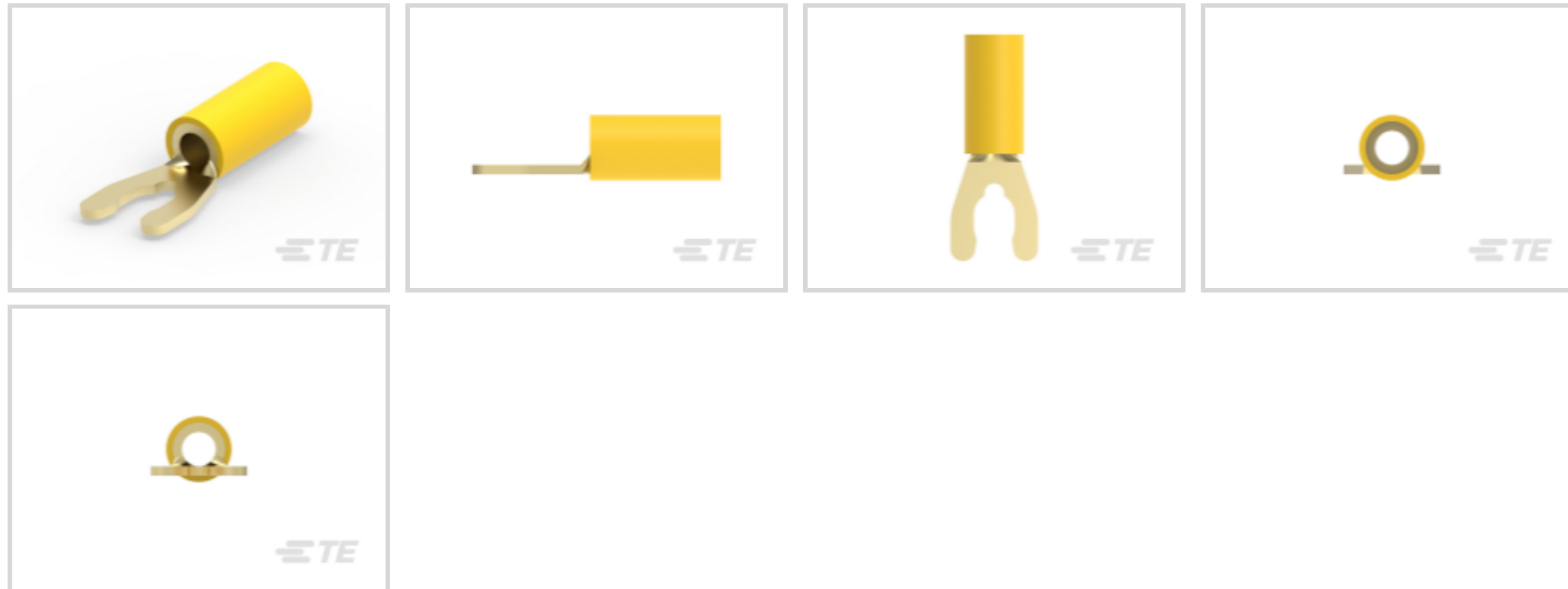
Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size #10, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Spring Spade**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	SPADE-029
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Terminal Angle	180 °
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Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

Ring & Spade Terminal Type	Spring Spade
Barrel Type	Closed



Terminal Orientation	Offset
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Terminal Plating Material	Tin
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
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Stud Diameter	4.82 mm[.19 in]
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Tongue Thickness	.99 mm[.039 in]
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Overall Product Length	27.94 mm[1.1 in]
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Accepts Wire Insulation Diameter (Max)	5.08 mm[.2 in]
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Accepts Wire Insulation Diameter Range	2.67 – 5.08 mm[.105 – .2 in]
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Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	2500
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Packaging Method	Tape Mounted
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223)
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SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

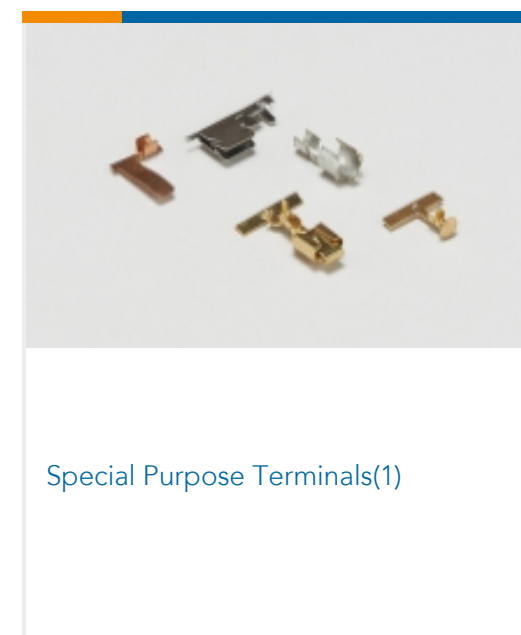
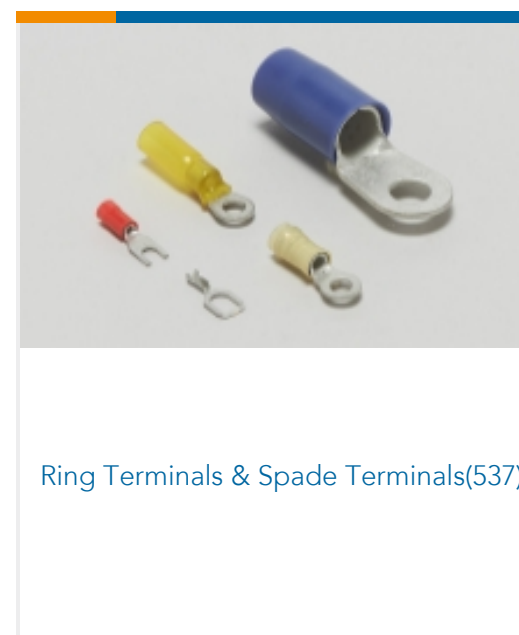
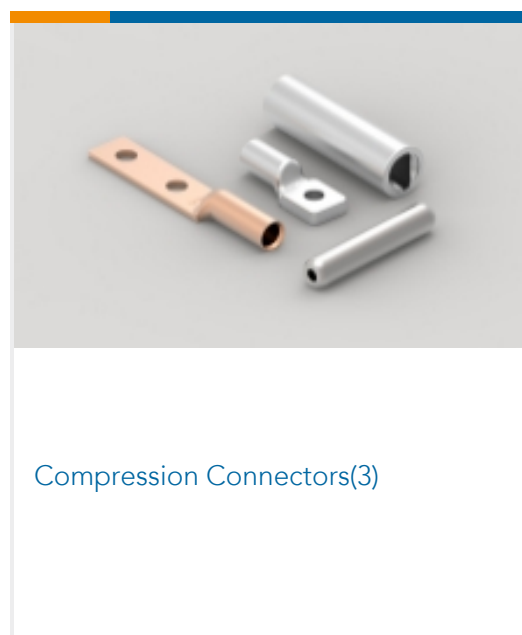
Product Compliance Disclaimer

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



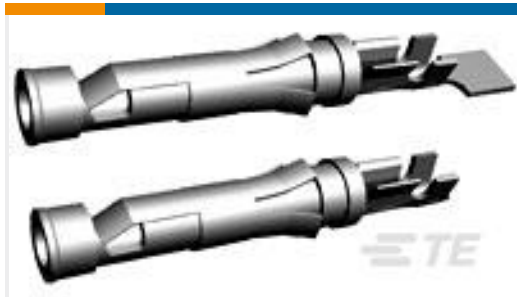
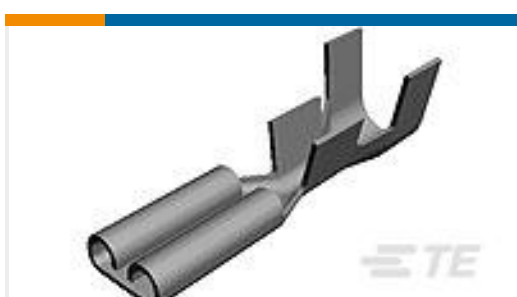
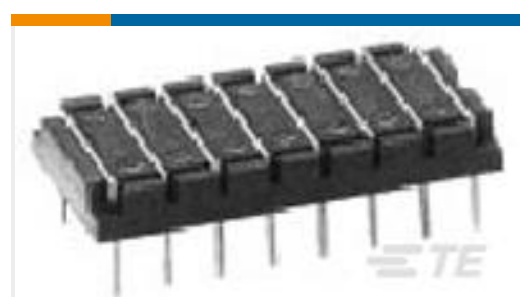
Also in the Series | PLASTI-GRIP





Splices(49)

Customers Also Bought

TE Part #66598-2
III+ SKT,18-14,30AU/FL,STRIPTE Part #6648317-1
CONTACT,SOCKET,SIZE #8TE Part #52957-1
TERMINAL,PG SPR SPD 16-14 10TE Part #2-520403-2
ULTRA-FAST 187 ASY REC 22-18 TPBRTE Part #40725
RING 190(4.82MM)TERMINAL 18-14
AWG TPBRTE Part #1-1393250-9
W28-XQ1A-0.25=W28TE Part #35107
TERMINAL,PIDG R 12-10 6TE Part #2-520405-2
ULTRA-FAST 250 ASY REC 22-18 TPBRTE Part #41274
250 FASTON,REC.,18-14 AWG,TPBRTE Part #2-1437507-5
8136-651P2=PIN 3.2.1 GOLD PLAT

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_52963-1_AC.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_52963-1_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52963-1_AC.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[AMP* PIDG* \(VINYL\) & PLASTI-GRIP* SHORT SPRING SPADE TERMINALS FOR BAR](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English