

53247-2 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 53247-2

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

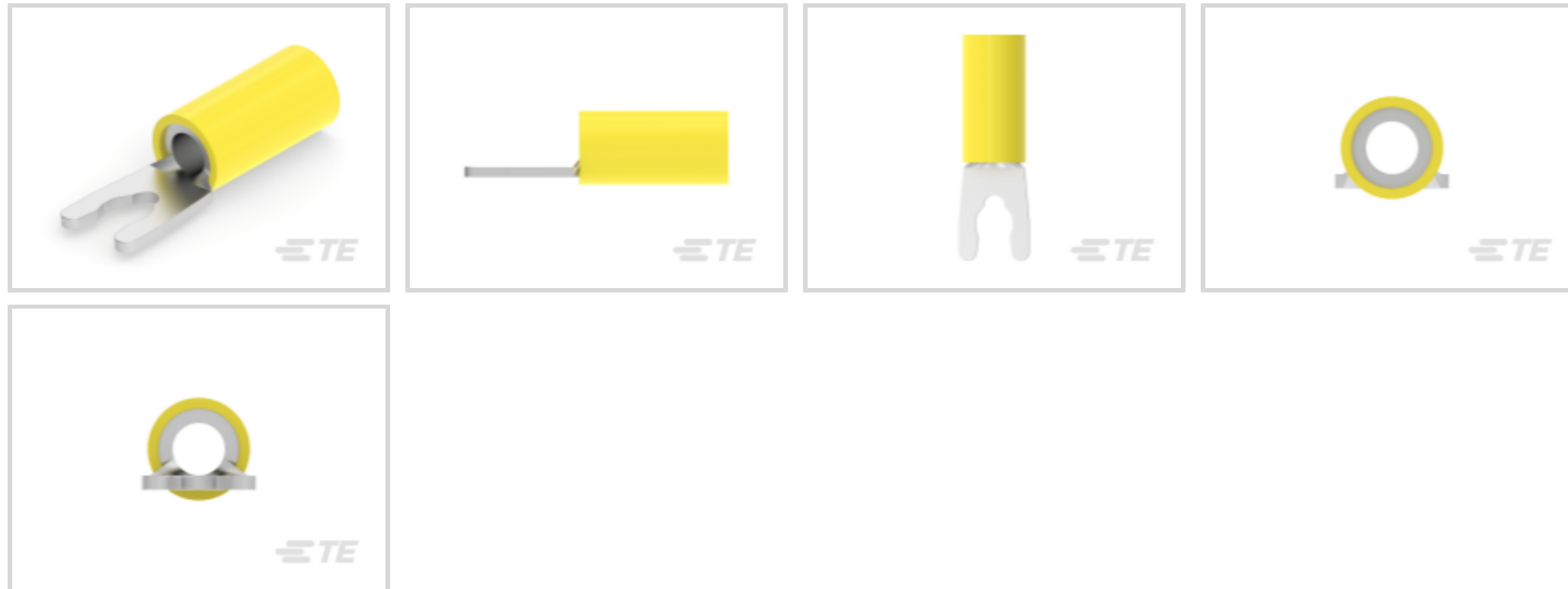
Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size M4 / #8, 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: **#8, M4**

Features

Product Type Features

Shape Description	SPADE-029
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Terminal Angle	180 °
----------------	-------

Electrical Characteristics

Voltage (Max)	600 V
---------------	-------

Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

Ring & Spade Terminal Type	Spring Spade
Barrel Type	Closed
Terminal Orientation	Offset



Terminal Plating Material	Tin
---------------------------	-----

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	26.72 mm[1.052 in]
Accepts Wire Insulation Diameter (Max)	6.35 mm[.25 in]
Accepts Wire Insulation Diameter Range	3.81 – 6.35 mm[.15 – .25 in]

Usage Conditions

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

Operation/Application

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

Industry Standards

Government Qualified	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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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

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

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

TE Part # 58423-1
DIE, RBY IS9252

TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY

TE Part # 1SET191001R0000
CRIMP-HT

TE Part # 1SET191002R0000
TET CRIMP-HT

TE Part # 169404
CERTI-LOK DIE

Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(25)

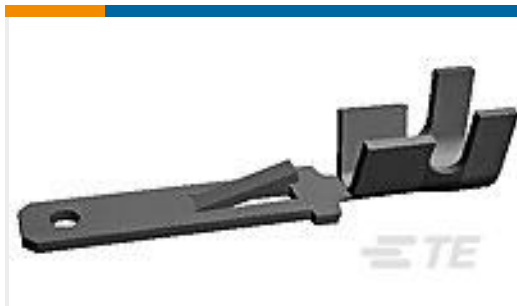
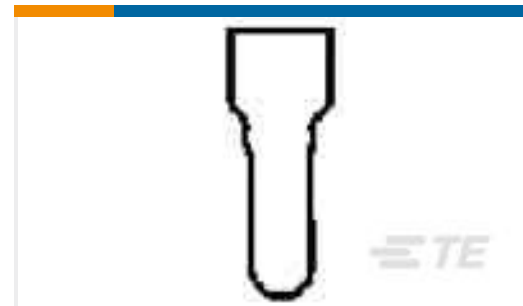
Ring Terminals & Spade Terminals(537)

Special Purpose Terminals(1)



Splices(49)

Customers Also Bought

TE Part #52925-1
TERMINAL,PIDG SPR SPD 26-22 8TE Part #42863-2
RING CRIMP 12-10 AWG TPBRTE Part #52957-1
TERMINAL,PG SPR SPD 16-14 10TE Part #2-34152-2
PG R 22-16 COMM 22-18 MIL 3/8TE Part #928962-4
FF 250 TAB 17-13 AWG .016 TPBRTE Part #328730
SPLICE,N CE 22-10TE Part #2-326859-1
TERMINAL,PIDG SPD 12-10 6TE Part #34854
TERMINAL,PG R 12-10 10TE Part #2-34164-2
TERMINAL,PG R 16-14 3/8TE Part #1-2373376-0
10P,2MM,SHRD HDR,DRVT,SMD,0.1
AU,TB

Documents

Product Drawings

[TERMINAL,PG SPR SPD 12-10 8](#)

English

CAD Files

Customer View Model

[ENG_CVM_53247-2_H1.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_53247-2_H1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53247-2_H1.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_53247-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53247-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53247-2_J.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_53247-2_0217201244](#)

English

[MD_53247-2_0217201244](#)

English

Agency Approvals

[UL Report](#)

English