

53248-2 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 53248-2

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

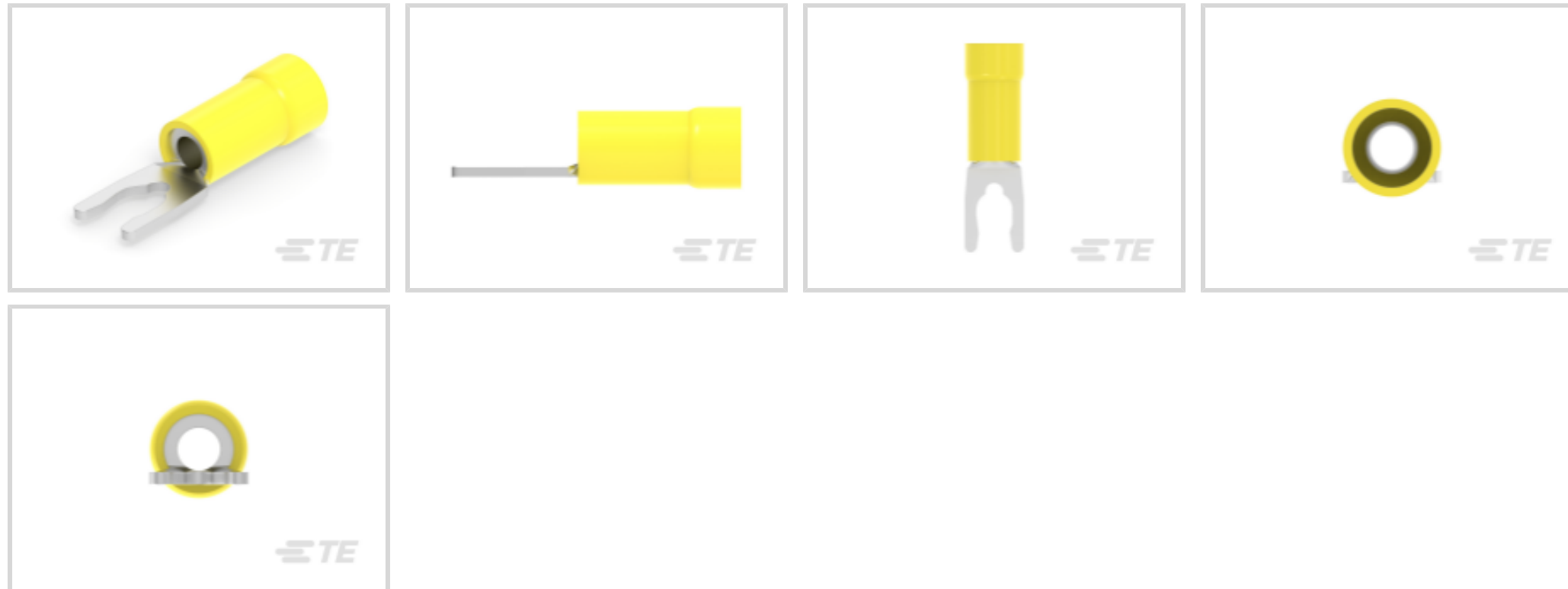
Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

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

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

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



Terminal Plating Material	Tin
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	27.94 mm[1.1 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
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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: JAN 2022 (223) Does not contain REACH SVHC









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

 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>
 <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>		

Also in the Series | PLASTI-GRIP

 <p>Compression Connectors(3)</p>	 <p>Crimp Wire Pins, Tabs & Ferrules(25)</p>	 <p>Ring Terminals & Spade Terminals(537)</p>	 <p>Splices(49)</p>
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Customers Also Bought



TE Part #1385241-1
HDM 9EMPO110F180F LM&G



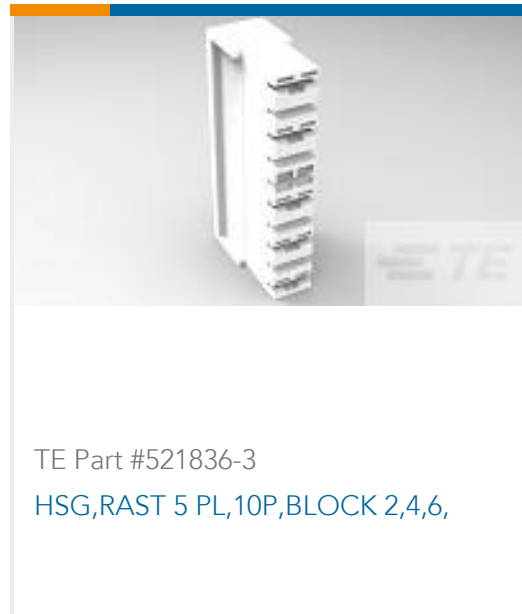
TE Part #2-318903-5
CRIMPER, INSUL.OVERLAP



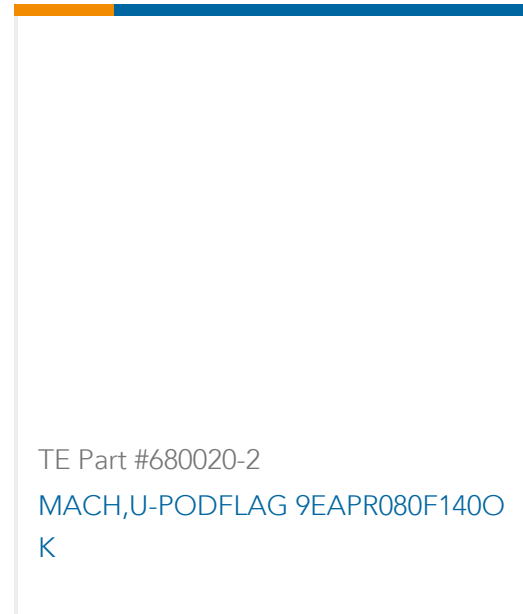
TE Part #465324-5
FLOATING SHEAR



TE Part #521498-1
250 FASTON HSG. REC 3P BLUE



TE Part #521836-3
HSG,RAST 5 PL,10P,BLOCK 2,4,6,



TE Part #680020-2
MACH,U-PODFLAG 9EAPR080F1400
K



TE Part #680176-1
HDM 5EAPR090F140FTG



TE Part #121397P013
ES2000-NO.3-B8-0-41MM



TE Part #CZ8951-000
RNF-100-1-BK-1.25IN



TE Part #CZ8200-000
VERSAFIT-3/4-0-2.25IN

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_53248-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53248-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53248-2_G.3d_stp.zip](#)

English

[3D PDF](#)

English



Customer View Model

[ENG_CVM_53248-2_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_53248-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_53248-2_F.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English