

54947-1 ✓ ACTIVE

PLASTI-GRIP

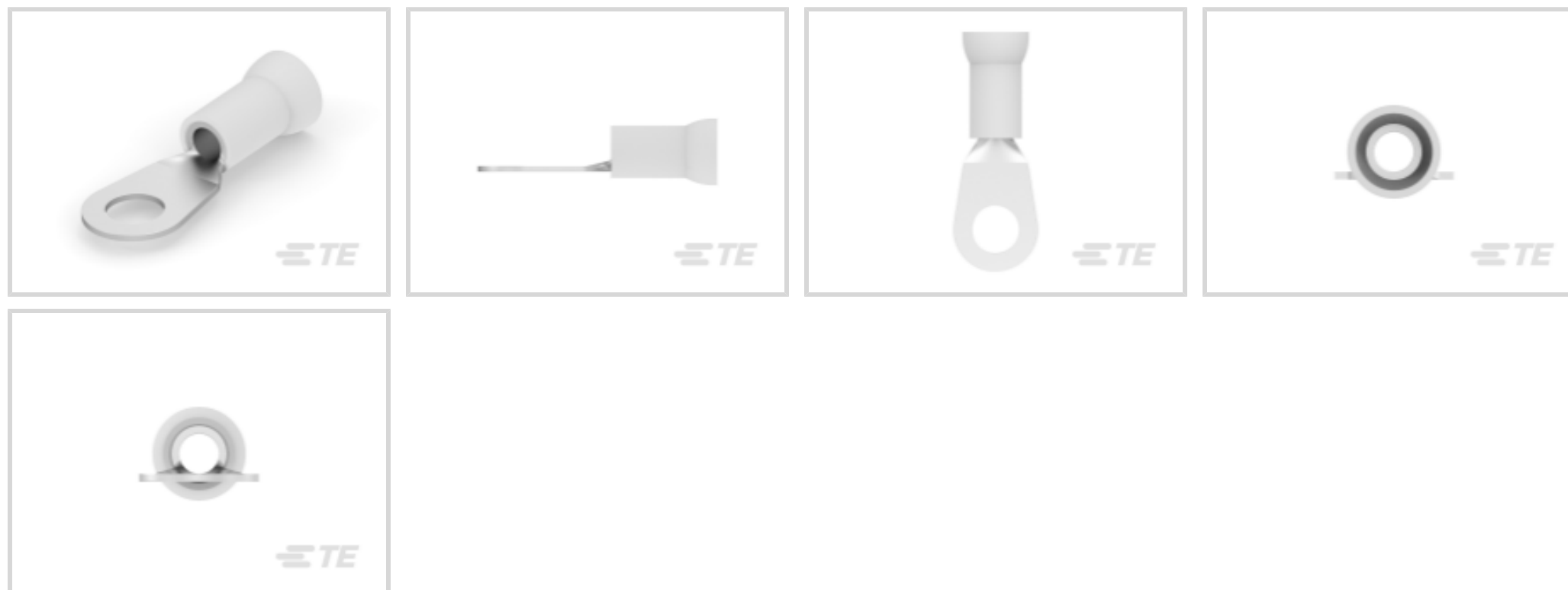
TE Internal #: 54947-1

Ring Terminals & Spade Terminals, Ring Tongue, 8 AWG Wire Size, 6.64 – 10.54 mm² Wire Size, 13100 – 20800 CMA Wire Size, PLASTI-GRIP

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **13100 – 20800 CMA**

Stud Size: **5/16, M8**

Features

Product Type Features

Stud Size	5/16, M8
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Terminal Angle	180 °
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Body Features

Insulation Sleeve Color	Natural
Weight per Piece	.5 g
Washer Radius (Max)	12.7 mm[.5 in]

Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Dimensions



Wire Size	13100 – 20800 CMA
Stud Diameter	8 mm[.315 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	43.2 mm[1.702 in]
Accepts Wire Insulation Diameter (Max)	9.65 mm[.38 in]
Accepts Wire Insulation Diameter Range	.97 mm[.38 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	150 °C[302 °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	100
Packaging Method	Box

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 Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

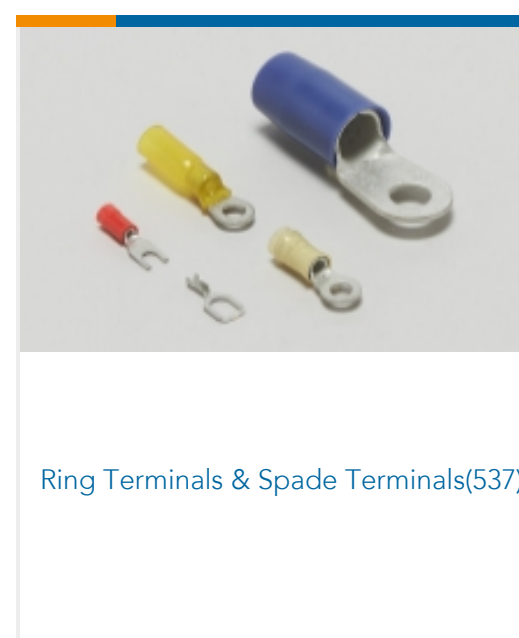
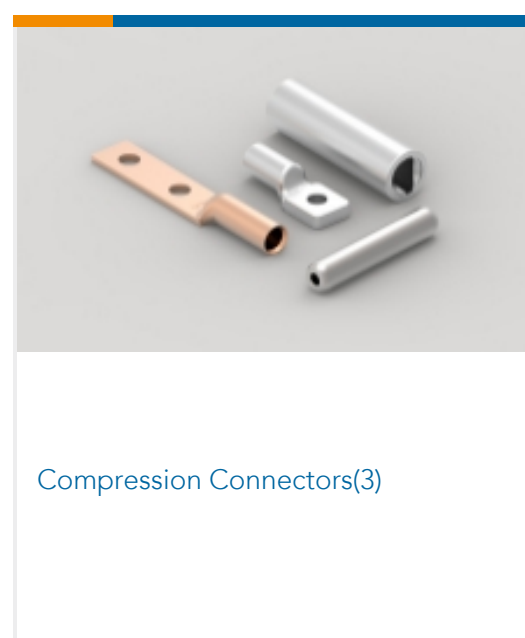
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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



Documents

Product Drawings

[TERMINAL,R PVF2 PG 8 5/16](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_54947-1_E.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_54947-1_E.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_CVM_54947-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English

Product Specifications

[Application Specification](#)

English