

54775-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 54775-1

Ring Terminals & Spade Terminals, Multiple Stud Size Ring Tongue,

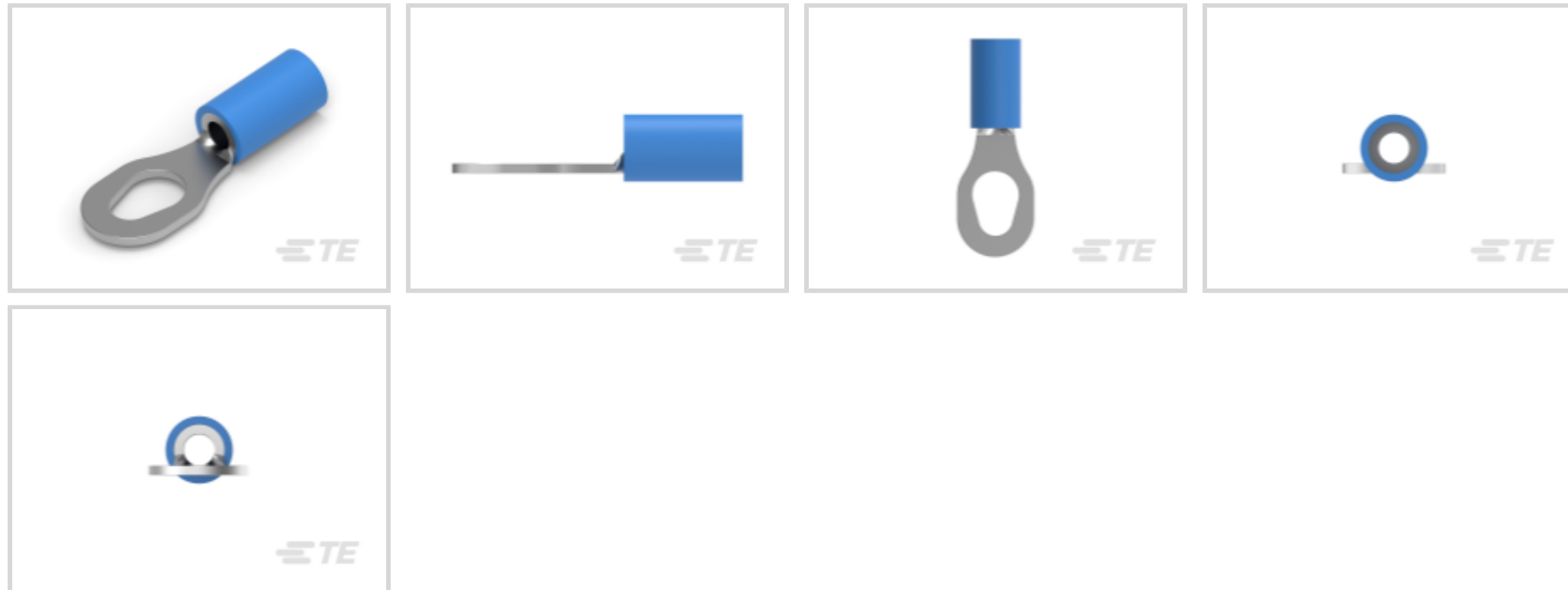
16 AWG Wire Size, 1.04 – 2.62 mm² Wire Size, 2050 – 5180 CMA

Wire Size, PLASTI-GRIP

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Multiple Stud Size Ring Tongue**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#10, #6, #8**

Features

Product Type Features

Shape Description	RING-059
Stud Size	#10, #6, #8
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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Contact Features

Ring & Spade Terminal Type	Multiple Stud Size Ring Tongue
Barrel Type	Closed
Terminal Orientation	Offset
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	3.51 mm, 4.17 mm, 4.83 mm [.191 in]
Tongue Thickness	.79 mm [.031 in]
Overall Product Length	24.61 mm [.969 in]
Accepts Wire Insulation Diameter (Max)	3.68 mm [.145 in]
Accepts Wire Insulation Diameter Range	2.67 – 3.68 mm [.105 – .145 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	1000
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 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.
Solder Process Capability	Not applicable for solder process capability

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(25)



Ring Terminals & Spade Terminals(537)



Splices(49)

Documents

Product Drawings

[TERMINAL,PG R 16-14 6-8-10](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_54775-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_54775-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_54775-1_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English