

52949-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 52949-1

Ring Terminals & Spade Terminals, Spring Spade, 22 – 16AWG

Wire Size, .3 – 1.42mm² Wire Size, 509 – 3260CMA Wire Size, M3.5 /

#6

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Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

Ring & Spade Stud Size: **#6, M3.5**

Features

Product Type Features

Shape Description	SPADE-029
Ring & Spade Stud Size	#6, M3.5
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Terminal Angle	Straight
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Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red
Ring & Spade Plating Material	Brass, Tin

Contact Features

Terminal & Splice Type	Spring Spade
Ring & Spade Terminal Orientation	Offset



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.56 mm[.14 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	20.6 mm[.811 in]
Ring & Spade Wire Insulation Diameter (Max)	3.56 mm[.14 in]
Ring & Spade Wire Insulation Diameter	2.67 – 3.56 mm[.105 – .14 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	5000
Ring & Spade 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

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



Customers Also Bought





Documents

Product Drawings

[PG SPR SPD 22-16COMM 22-18MIL6](#)

English

CAD Files

[3D PDF](#)

3D

[3D PDF](#)

English

Customer View Model

[ENG_CVM_52949-1_N1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_52949-1_N1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_52949-1_N1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52949-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52949-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52949-1_T.3d_stp.zip](#)

English



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Product Specifications

Application Specification

English

Product Environmental Compliance

MD_52949-1_102420182320_dmtec

English

MD_52949-1_102420182320_dmtec

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