



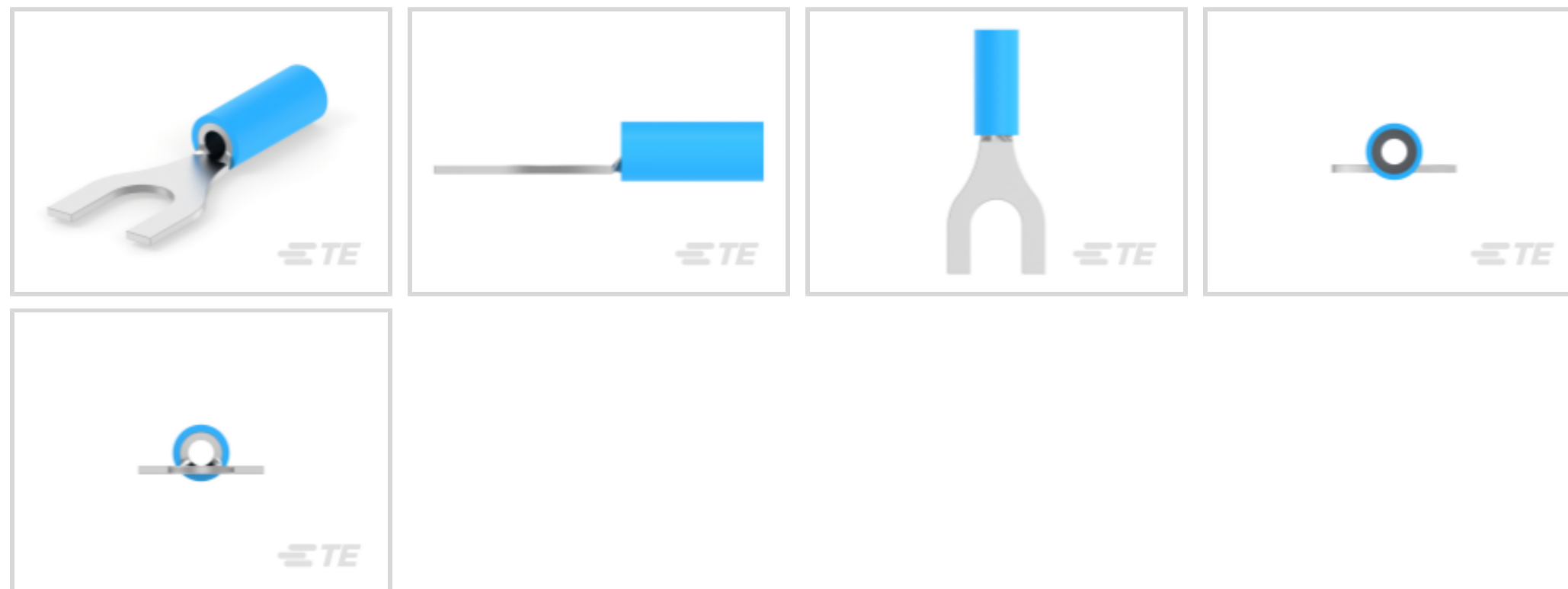
**PLASTI-GRIP**

TE Internal #: 9-1377173-9

Ring Terminals & Spade Terminals, Spade Tongue, 16 – 14 AWG  
 Wire Size, 1.25 – 2 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size, Stud  
 Size M6, PLASTI-GRIP

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **2050 – 5180 CMA**

Stud Size: **M6**

**Features**

**Product Type Features**

Shape Description	SPADE-020
Stud Size	M6
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

**Configuration Features**

Terminal Angle	180 °
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**Electrical Characteristics**

Voltage (Max)	300 V
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**Body Features**

Weight per Piece	1.314 g[.0463 oz]
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**Contact Features**

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



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	6.3 mm[.248 in]
Tongue Thickness	.84 mm[.033 in]
Overall Product Length	28.01 mm[1.103 in]
Accepts Wire Insulation Diameter (Max)	4.32 mm[.17 in]
Accepts Wire Insulation Diameter Range	2.92 – 4.31 mm[.115 – .17 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 Method	Bag
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### 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

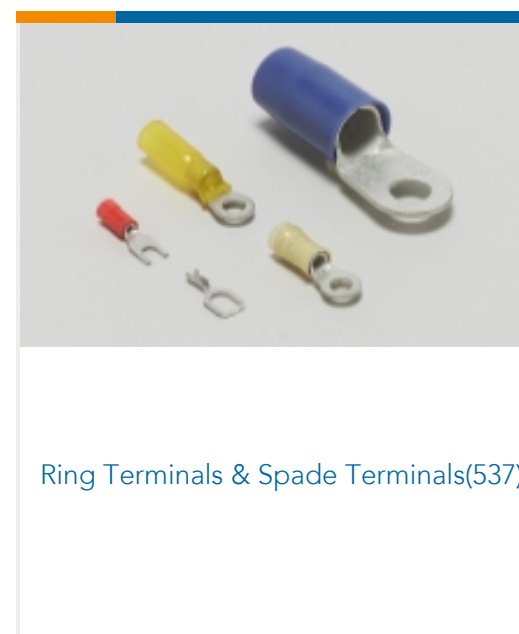
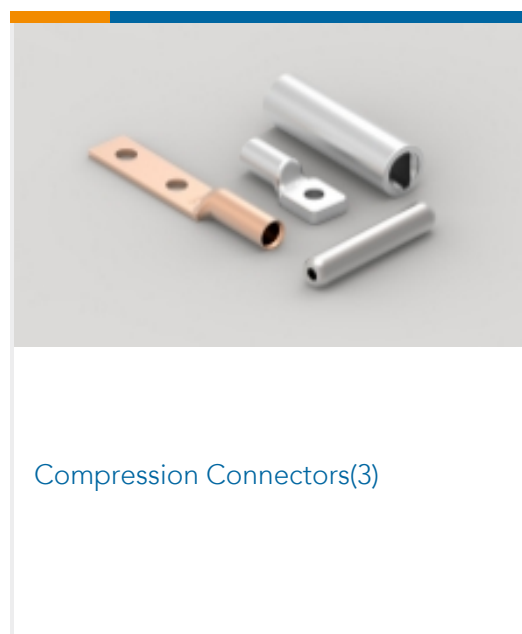
## Product Compliance Disclaimer

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

SMP 0-0130537-0

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_9-1377173-9\_H1.2d\_dxf.zip

English

## Customer View Model

ENG\_CVM\_CVM\_9-1377173-9\_H1.3d\_igs.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_9-1377173-9\\_H1.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

[RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

**Product Specifications**

[Application Specification](#)

English