

165012 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 165012

Ring Terminals & Spade Terminals, Spade Tongue, 16 – 14 AWG

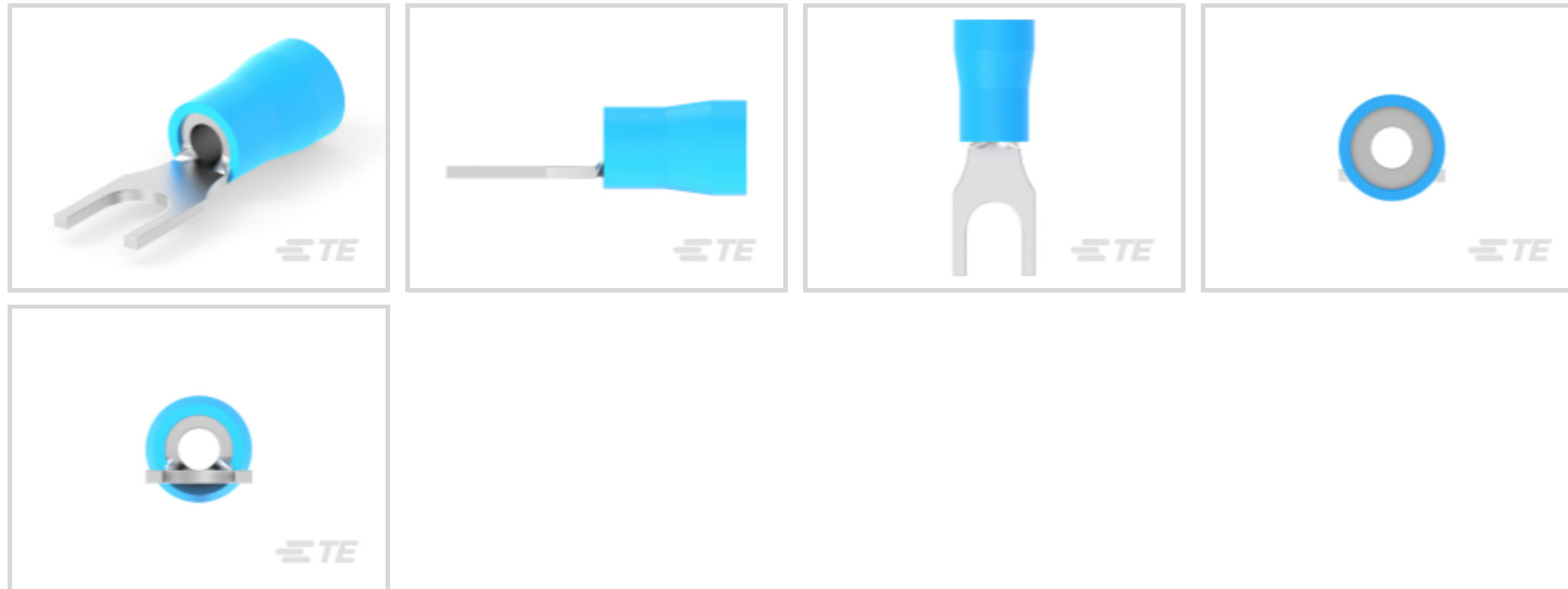
Wire Size, 1 – 2.6 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size,

PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **2050 – 5180 CMA**

Stud Size: **#8, M4**

**Features**

**Product Type Features**

Shape Description	SPADE-021
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Terminal Angle	180 °
----------------	-------

**Electrical Characteristics**

Voltage (Max)	600 V
---------------	-------

**Body Features**

Insulation Sleeve Color	Blue
Weight per Piece	.185 g
Stripe Color	Blue

**Contact Features**

Ring & Spade Terminal Type	Spade Tongue
Barrel Type	Closed



Terminal Orientation	Offset
Terminal Plating Material	Tin

### Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

### Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	4.3 mm[.171 in]
Tongue Thickness	.79 mm[.031 in]
Overall Product Length	20.83 mm[.82 in]
Accepts Wire Insulation Diameter (Max)	4.95 mm[.195 in]
Accepts Wire Insulation Diameter Range	3.05 – 4.95 mm[.12 – .195 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
----------------------	----

### Packaging Features

Packaging Quantity	1000
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)

SVHC > Threshold:  
Not Yet Reviewed

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



## Also in the Series | PLASTI-GRIP



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals & Spade Terminals(538)



Special Purpose Terminals(1)



Splices(49)

## Customers Also Bought



TE Part #1-6609021-1  
20VB1=F7130 S0



TE Part #3-641127-4  
04P MTA100 HDR ASSY FL/RA LF



TE Part #1-1747276-2  
DYNAMIC D4200 REC HSG 2P/X



TE Part #130516  
PIDG SPADE



TE Part #180599  
SOLIS 8 WIRE PIN



TE Part #770351-1  
04P UMNL PIN HDR ASSY W/O DRNS



TE Part #5-1377175-4  
SMP 0-0165035-0



TE Part #171551-1  
P.G SPADE



TE Part #140759  
250 FASTON,TAB,TPBR



## Documents

### Product Drawings

#### PLASTI-GRIP, SPADE 16-14 8

English

---

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165012\\_J.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165012\\_J.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165012\\_J.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_165012\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_165012\\_C.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_165012\\_C.2d\\_dxf.zip](#)

English

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

---

### Product Specifications

#### Application Specification

English

---

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English

---

### Instruction Sheets

#### Instruction Sheet (U.S.)

English

---

### Agency Approvals

#### UL Report

165012

Ring Terminals & Spade Terminals, Spade Tongue, 16 – 14 AWG Wire Size, 1 – 2.6 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size, PLASTI-GRIP



English