

52856-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 52856-1

Ring Terminals & Spade Terminals, Spade Tongue, 12 – 10 AWG

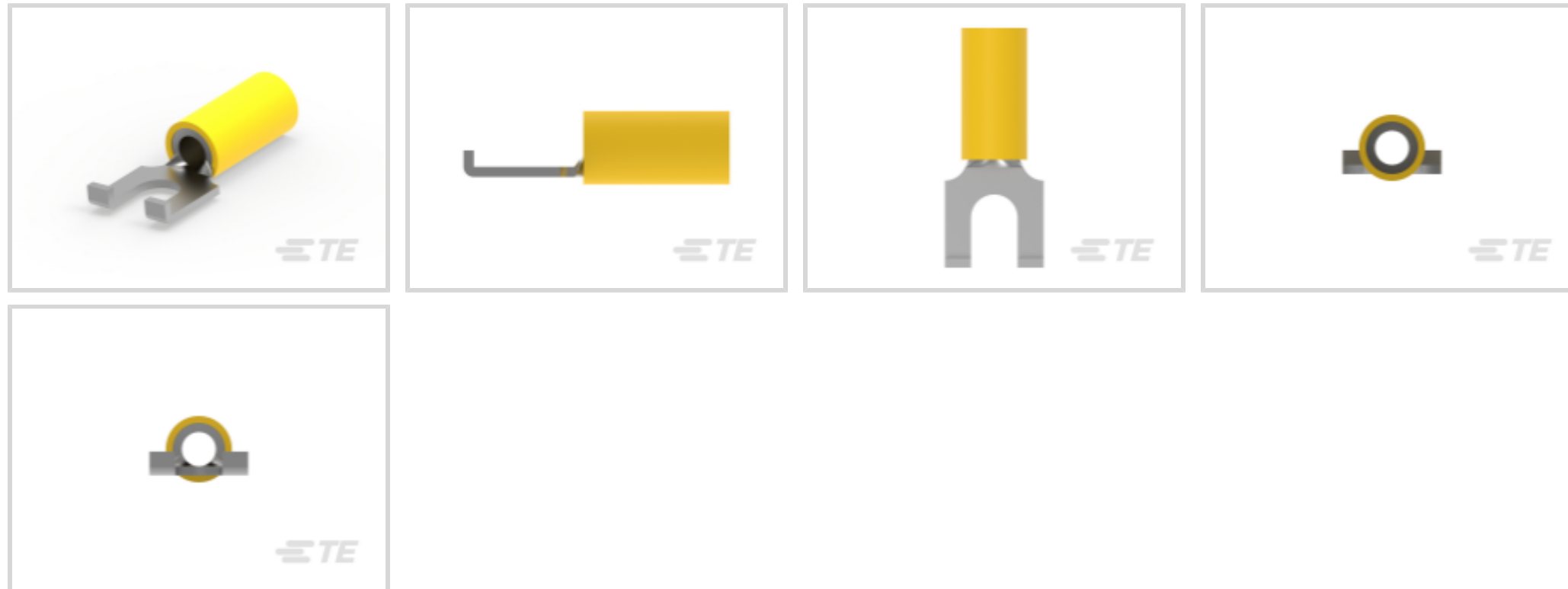
Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size #10, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **5180 – 13100 CMA**

Stud Size: **#10**

### Features

#### Product Type Features

Shape Description	SPADE-025
Stud Size	#10
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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#### Body Features

Inspection Slot	No
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

#### Contact Features

Ring & Spade Terminal Type	Spade Tongue
Barrel Type	Closed



Terminal Orientation	Offset
Terminal Plating Material	Tin

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	25.83 mm[1.017 in]
Accepts Wire Insulation Diameter (Max)	6.35 mm[.25 in]
Accepts Wire Insulation Diameter Range	3.81 – 6.35 mm[.15 – .25 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	2500
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: 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**



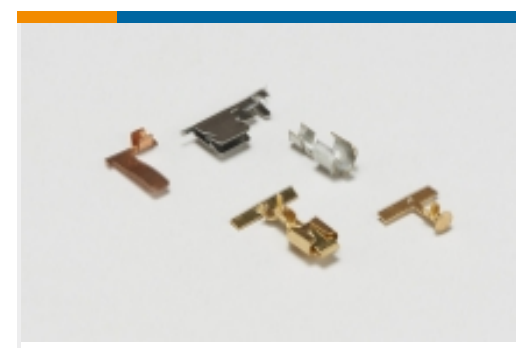
Compression Connectors(3)



Crimp Wire Pins, Tabs &amp; Ferrules(25)



Ring Terminals &amp; Spade Terminals(537)

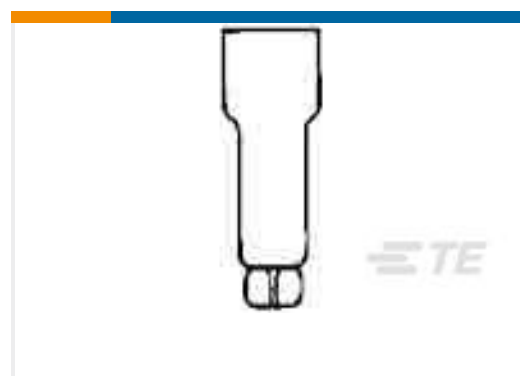


Special Purpose Terminals(1)



Splices(49)

## Customers Also Bought

TE Part #2-32562-3  
PIDG FLANGED SPADE TONGUE  
TERMINALSTE Part #55843-1  
SPLICE,CE 22-14TE Part #770003-3  
UMN II PIN PTPPHBZTE Part #41531-1  
250 FASTON FLAG REC 18-12 AWG  
NPSTTE Part #350199-1  
RING TONGUE TERMINAL 18-14  
AWG NIPSTTE Part #1742539-3  
CLUSTER BLOCK RECEIPT,TPCuFePTE Part #63445-4  
250 FASTON FLAG REC 18-12 AWG  
TPBR

## Documents

### Product Drawings

[TERMINAL,PG SPD FLG 12-10 10](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_52856-1\\_K.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52856-1\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52856-1\\_K.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_52856-1\\_10202015921\\_dmtec](#)

English

[MD\\_52856-1\\_10202015921\\_dmtec](#)

English