



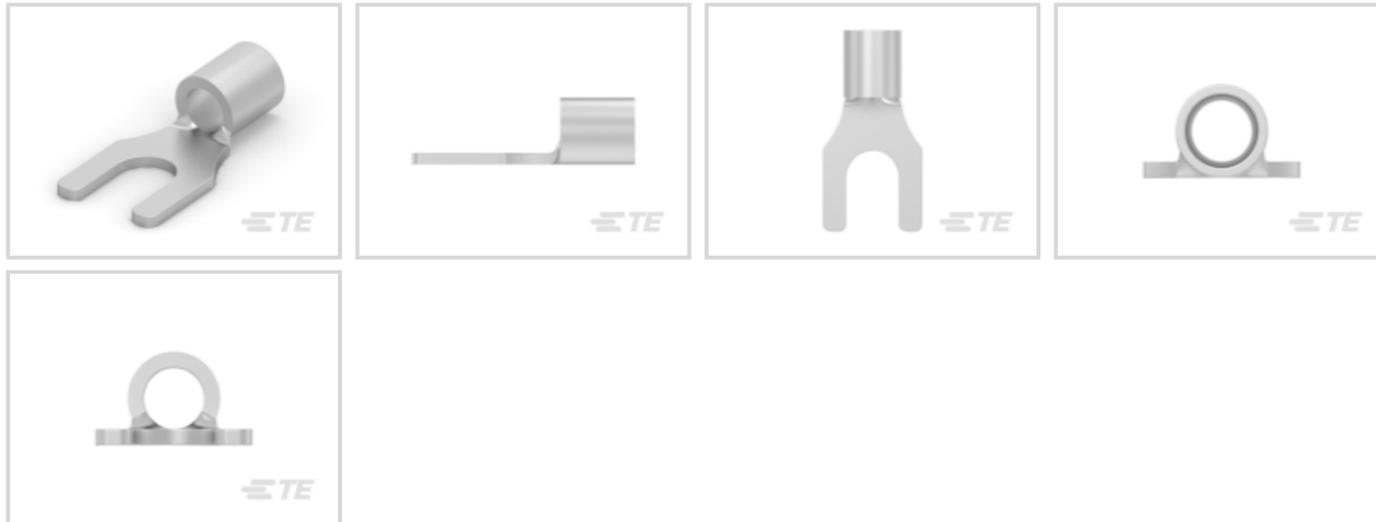
SOLISTRAND | SOLISTRAND Budget

TE Internal #: 35494

Ring Terminals & Spade Terminals, Spade Tongue, 12 – 10 AWG  
 Wire Size, 2.62 – 6.64 mm<sup>2</sup> Wire Size, 5180 – 13100 CMA Wire Size,  
 SOLISTRAND Budget

[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-023
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

**Configuration Features**

Terminal Angle	180 °
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**Body Features**

Inspection Slot	No
Weight per Piece	1.499 g

**Contact Features**

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

**Mechanical Attachment**



Wire Insulation Support	Without
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### Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5 mm[.19 in]
Tongue Thickness	.99 mm[.04 in]
Overall Product Length	19.61 mm[.77 in]
Barrel Inside Diameter	3.4 mm[.134 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	170 °C[338 °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	500
Packaging Method	Loose Piece

### Other

Line	Budget
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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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

Free

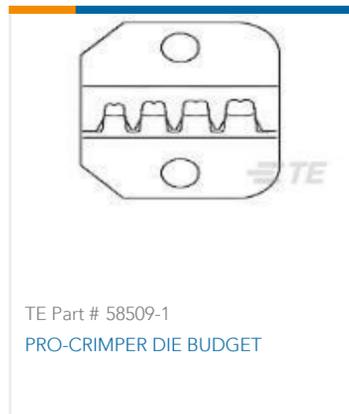
Solder Process Capability

Not applicable for solder process capability

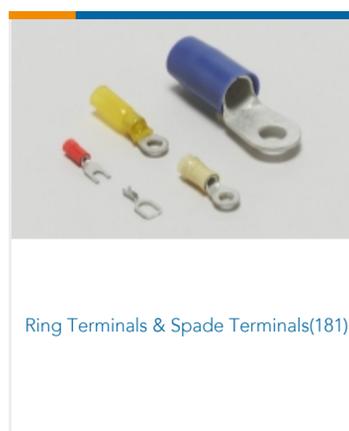
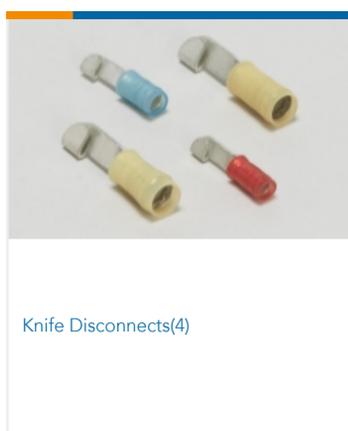
## Product Compliance Disclaimer

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 | SOLISTRAND Budget



## Documents

## Product Drawings

TERMINAL,BUDG SPD 12-10 10

English

## CAD Files

3D PDF

3D

Customer View Model



[ENG\\_CVM\\_CVM\\_35494\\_N.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_35494\\_N.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_35494\\_N.3d\\_stp.zip](#)

English

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

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

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### Agency Approvals

[UL Report](#)

English