

52705-1 ✓ ACTIVE

SOLISTRAND

TE Internal #: 52705-1

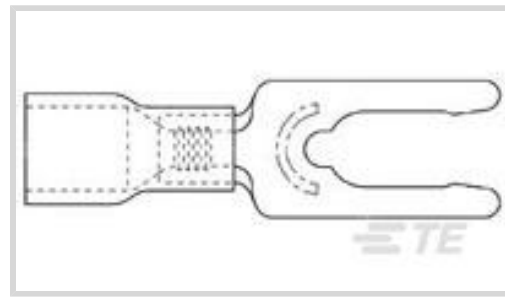
Ring Terminals & Spade Terminals, Spring Spade, 16 – 14AWG

Wire Size, 1.25 – 2mm<sup>2</sup> Wire Size, 2050 – 5180CMA Wire Size, #10

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Spring Spade**

Wire Size: **2050 – 5180 CMA**

Ring & Spade Stud Size: **#10**

### Features

#### Product Type Features

Shape Description	SPADE-033
Ring & Spade Stud Size	#10
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Non - Insulation Support

#### Configuration Features

Terminal Angle	Straight
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#### Body Features

Inspection Slot	No
Ring & Spade Plating Material	Phosphor Bronze, Tin

#### Contact Features

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

#### Mechanical Attachment

Wire Insulation Support	Without
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#### Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	4.82 mm[.19 in]



Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	19.86 mm[.782 in]
Barrel Inside Diameter	2.26 mm[.089 in]

### Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	170 °C[338 °F]

### Operation/Application

Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	1000
Ring & Spade Packaging Method	Loose Piece

### Other

Line	Budget
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

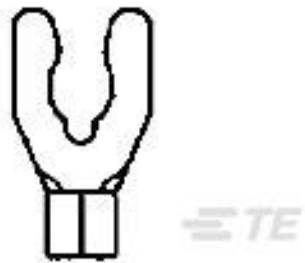
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 reviewed 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

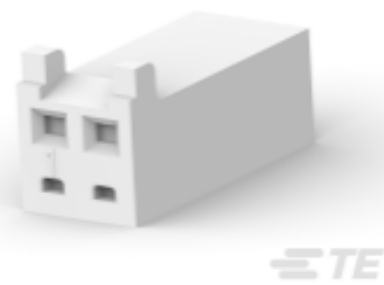
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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



TE Part # 53032-1  
BUDGET SPRING SPADE 16-14 1/4

## Customers Also Bought



TE Part #1375820-2  
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



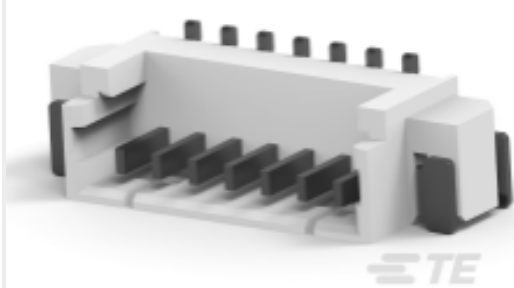
TE Part #1478762-9  
METAL BACKSHELL 9 WAY TOP E



TE Part #1622308-1  
LR1 1% 120R



TE Part #102387-1  
10 MODIV HSG COMP DR .100 POL



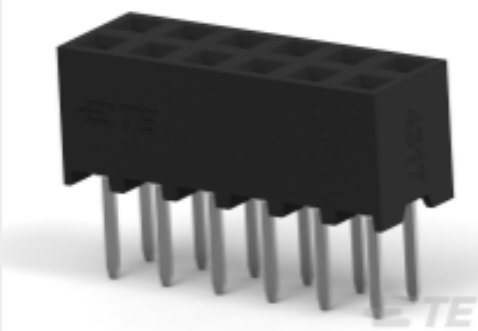
TE Part #2-1734598-4  
AMP HPI 1.25MM HEADERS



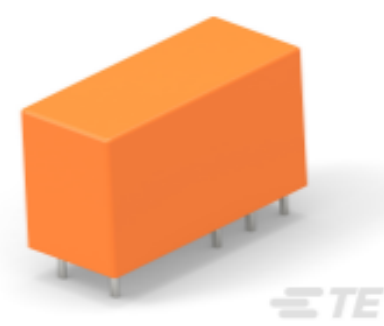
TE Part #1623444-1  
CRG1206 1% 1K3



TE Part #1-794608-2  
PIN CONT 20-24 30 GOLD STRIP



TE Part #1-2314812-2  
12P,2MM,B-B,REC,DRVT,2.0,0.1AU,TB, W/CAP



TE Part #2-1649328-8  
RT334005



TE Part #YDIV44E15-35SNC001  
RECP ASSY

## Documents

### Product Drawings



## BUDGET SPRING SPADE 16-14 10

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_52705-1\\_R.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_52705-1\\_R.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_52705-1\\_R.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