# 31499 ✔ ACTIVE

SOLISTRAND | SOLISTRAND Budget

TE Internal #: 31499

Closed Ring Tongue Terminal, 16 AWG, 3/8 Stud, 9.53 mm [.375 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated, SOLISTRAND Budget

View on TE.com >

Terminals & Splices > Ring Terminals







Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **3/8**

## Features

### Product Type Features

| | |
|---|---|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | 3/8 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

### Configuration Features

| | |
|---|---|
| Number of Holes | 1 |

### Body Features

| | |
|---|---|
| Product Weight | 1.009 g |

### Contact Features

| | |
|---|---|
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Wire Size | 2050 – 5180 CMA |
| Stud Diameter | 9.53 mm[.375 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 25.27 mm[.995 in] |
| Barrel Inside Diameter | 2.26 mm[.089 in] |

## Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | 0 – 170 °C[0 – 338 °F] |

## Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |

## Industry Standards

| | |
|---|---|
| Government Qualified Terminal | No |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |
| Packaging Method | Package |

## Other

| | |
|---|---|
| Line | Budget |

# Product Compliance

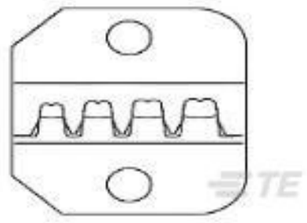
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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



TE Part # 58509-1
PRO-CRIMPER DIE BUDGET



TE Part # 58508-1
PRO-CRIMPER HD TL W/DIE BUDGET

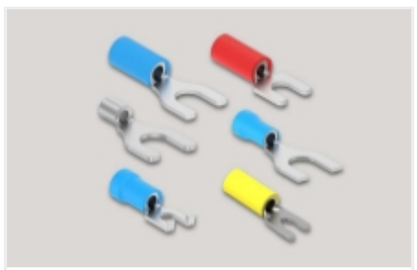
## Also in the Series | SOLISTRAND Budget



Knife Disconnects(4)



Ring Terminals(106)

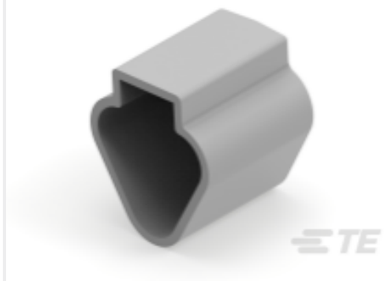


Spade Terminals(46)

## Customers Also Bought



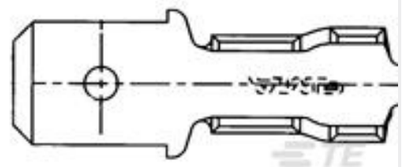
TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #DT3P-DC
PROTECT CVR, 3P, REC, GRY, DT



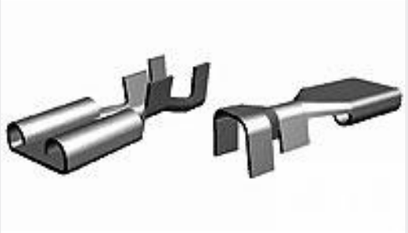
TE Part #2-34112-2
SOLIS R 22-16COMM 22-18MIL 10



TE Part #41412
FASTON 250(6.3MM) TAB 18-14 AWG TPBR



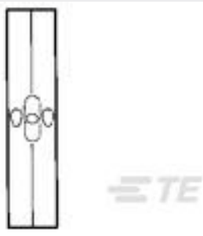
TE Part #55991-1
TERMINAL,SOLIS R 8 5/16



TE Part #61399-1
312 FASTON REC 16-12 AWG TPBR



TE Part #170823-2
250 FASTON SLEEVE,REC., TRANSPARENT



TE Part #330367
SPLICE,SOLIS BUTT 22-16

## Documents

### Product Drawings

TERMINAL,BUDG R 16-14 3/8

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31499_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_31499_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31499_T.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Instruction Sheets

Instruction Sheet (U.S.)

English

### Agency Approvals

UL Report

English