

33470 ✓ ACTIVE

SOLISTRAND

TE Internal #: 33470

Closed Ring Tongue Terminal, 4 AWG, 5/16 / M8 Stud Size, 8.33 mm [.328 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 33100 – 52600 CMA

Stud Size: 5/16, M8

### Features

#### Product Type Features

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 5/16, M8                    |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Non-Insulation Support      |

#### Configuration Features

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

#### Contact Features

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

#### Mechanical Attachment

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

#### Dimensions

|               |                   |
|---------------|-------------------|
| Wire Size     | 33100 – 52600 CMA |
| Stud Diameter | 8.33 mm [.328 in] |

|                        |                    |
|------------------------|--------------------|
| Tongue Thickness       | 1.78 mm[.07 in]    |
| Product Length         | 33.38 mm[1.314 in] |
| Barrel Inside Diameter | 7.52 mm[.296 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    |

### Industry Standards

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

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 100         |
| Packaging Method   | Loose Piece |

## 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

TE Part # 1490414-2  
HYP10 SOLIS HD 6-4AWG INDENTER

TE Part # 601075  
BANTAM ROTA-CRIMP TOOL

TE Part # 8-33470-2  
TERMINAL,SOLIS R 4 5/16

TE Part # 1490413-3  
HYP10 SOLIS 4AWG NEST

TE Part # 48127  
HYP8 SOLIS 6-2AWG INDENTER

TE Part # 69218  
HYP8/10 SOLIS 4AWG DIE SET

TE Part # 2-1377172-7  
SMP 0-0033470-0

TE Part # 600850  
ROTO-CRIMP TOOL (ASI)

TE Part # 1901000-2  
NEST #4

TE Part # 48129  
HYP8 SOLIS 4AWG NEST

TE Part # 59131  
HEAVY DUTY HT, SOLIS #4

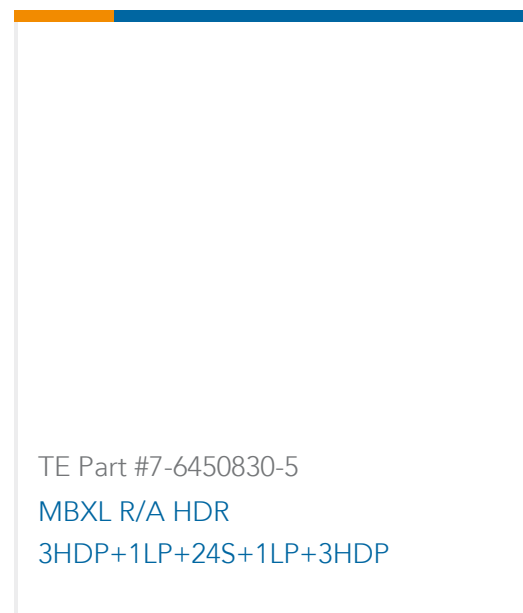
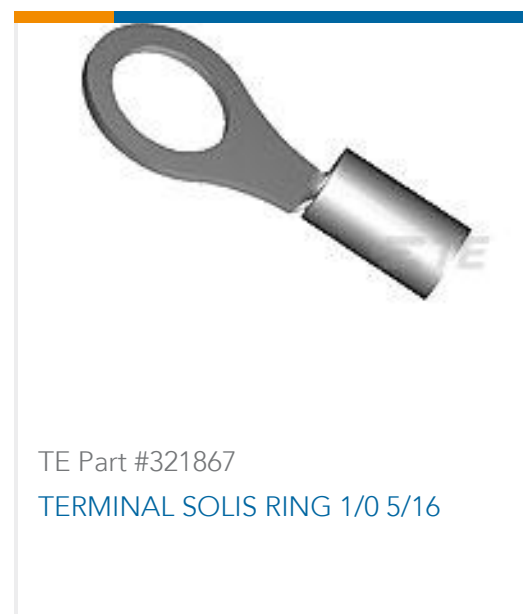
### Customers Also Bought

TE Part #3-641190-8  
08P MTA100 CONN ASSY RED LF

TE Part #2-1617030-7  
HFW1201G01M = M39016/6-116M

TE Part #33471  
TERMINAL,SOLIS R 4 3/8

TE Part #322215  
TERMINAL,SOLIS FLAG R 1/0 1/4



## Documents

### Product Drawings

[TERMINAL,SOLIS R 4 5/16](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_33470\\_AF.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_33470\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_33470\\_AF.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_33470\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_33470\\_H.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_33470\\_H.2d\\_dxf.zip](#)

English

[3D PDF](#)

English



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

---

### Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English

---

### Product Environmental Compliance

[MD\\_33470\\_062920142343\\_dmtec](#)

English

[MD\\_33470\\_062920142343\\_dmtec](#)

English

---

### Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English