



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **20800 – 33100 CMA**

Ring & Spade Stud Size: **5/16, M8**

Features

Product Type Features

|                              |                          |
|------------------------------|--------------------------|
| Shape Description            | RING-084                 |
| Ring & Spade Stud Size       | 5/16, M8                 |
| Ring & Spade Barrel Type     | Closed Barrel            |
| Sealable                     | No                       |
| Insulated                    | No                       |
| Ring & Spade Wire/Cable Type | Regular Wire             |
| Support Style                | Non - Insulation Support |

Configuration Features

|                 |          |
|-----------------|----------|
| Number of Holes | 1        |
| Terminal Angle  | Straight |

Body Features

|                               |                |
|-------------------------------|----------------|
| Inspection Slot               | No             |
| Weight per Piece              | 5.657 g        |
| Ring & Spade Plating Material | Copper, Nickel |

Contact Features

|                                   |             |
|-----------------------------------|-------------|
| Terminal & Splice Type            | Ring Tongue |
| Ring & Spade Terminal Orientation | Offset      |

Mechanical Attachment

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

Dimensions



|                             |                    |
|-----------------------------|--------------------|
| Wire Size                   | 20800 – 33100 CMA  |
| Stud Diameter               | 8.33 mm[.328 in]   |
| Tongue Thickness            | .79 mm[.031 in]    |
| Ring & Spade Overall Length | 31.65 mm[1.246 in] |
| Barrel Inside Diameter      | 5.89 mm[.231 in]   |

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Requirement      | Uninsulated    |
| Operating Temperature Range | 343 °C[649 °F] |

Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

|                               |             |
|-------------------------------|-------------|
| Packaging Quantity            | 100         |
| Ring & Spade 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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                                                                                  |

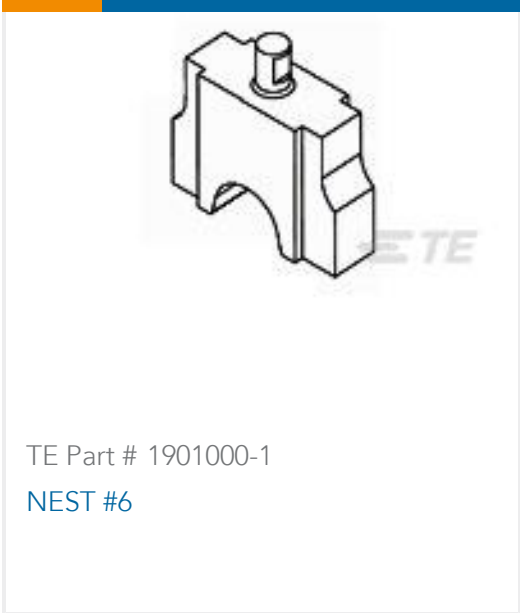
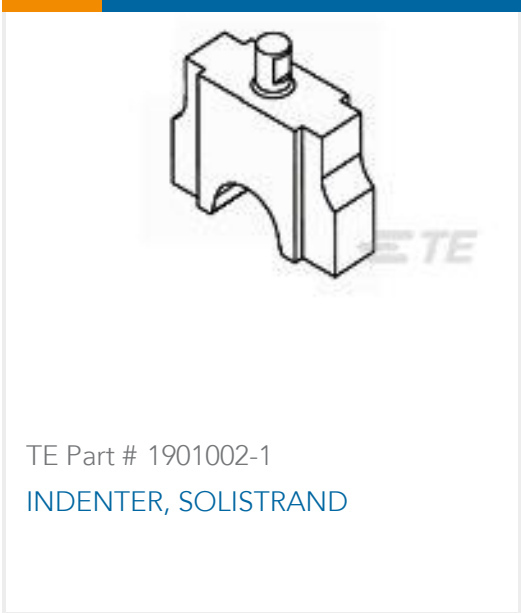
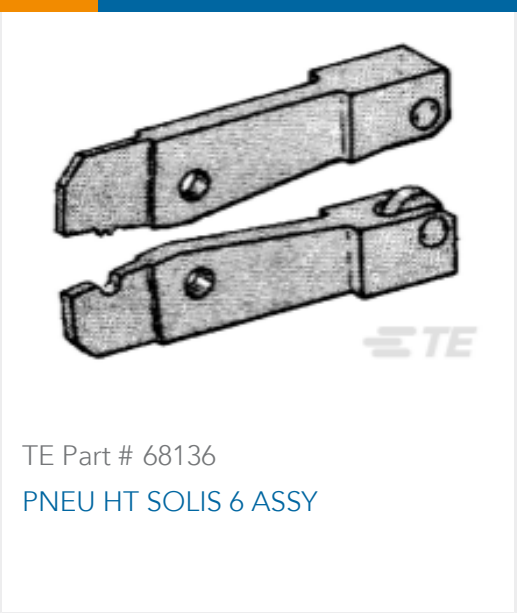
Product Compliance Disclaimer

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

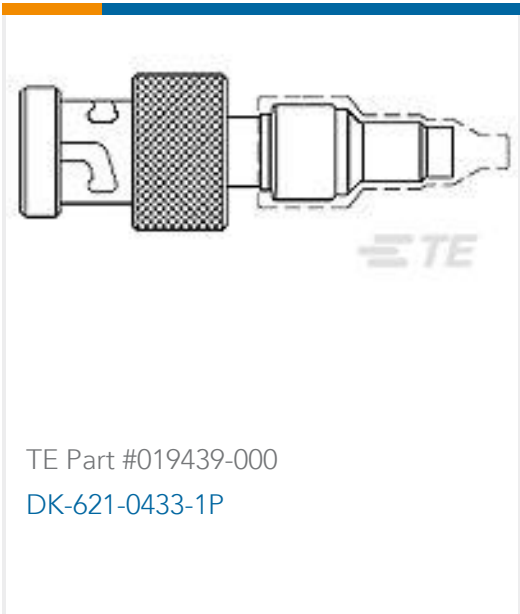
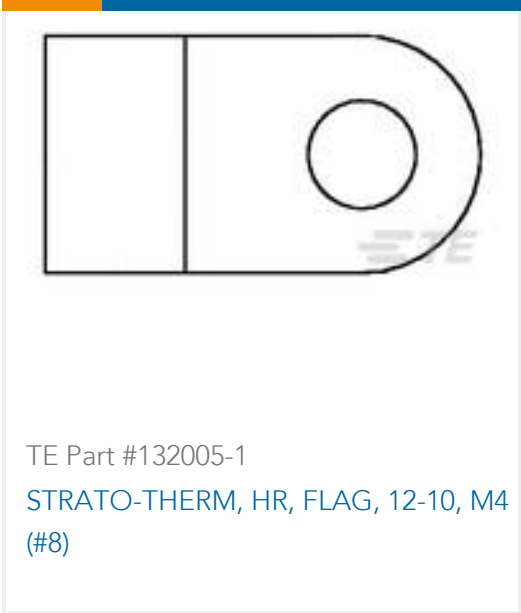
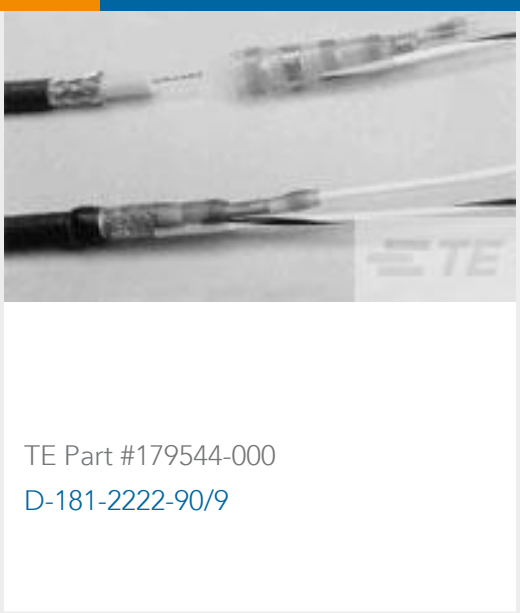


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

|                                                                                                                                                  |                                                                                                                                           |                                                                                                                                            |                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1490414-2<br/>HYP10 SOLIS HD 6-4AWG INDENTER</p> |  <p>TE Part # 69217<br/>HYP8/10 SOLIS 6AWG DIE SET</p> |  <p>TE Part # 48127<br/>HYP8 SOLIS 6-2AWG INDENTER</p> |  <p>TE Part # 1490413-2<br/>HYP10 SOLIS HD 8AWG NEST</p> |
|  <p>TE Part # 1901000-1<br/>NEST #6</p>                       |  <p>TE Part # 1901002-1<br/>INDENTER, SOLISTRAND</p>  |  <p>TE Part # 48128<br/>HYP8 SOLIS 6AWG NEST</p>      |  <p>TE Part # 68136<br/>PNEU HT SOLIS 6 ASSY</p>        |

Customers Also Bought

|                                                                                                                                             |                                                                                                                                                          |                                                                                                                                                   |                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #019439-000<br/>DK-621-0433-1P</p>           |  <p>TE Part #309570-000<br/>227W223-3-01-0</p>                       |  <p>TE Part #2-322870-2<br/>STRATO-THERM, HR 2 5/16 NIPL</p> |  <p>TE Part #2-324061-5<br/>TERMINAL,SOLIS R 8 8 HR</p> |
|  <p>TE Part #323062<br/>TERMINAL,SOLIS R HR 12-10 10</p> |  <p>TE Part #132005-1<br/>STRATO-THERM, HR, FLAG, 12-10, M4 (#8)</p> |  <p>TE Part #179544-000<br/>D-181-2222-90/9</p>              |  <p>TE Part #318821-000<br/>SO96-3-01-100</p>           |



Documents

Product Drawings

TERMINAL,SOLIS R HR 6 5/16

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_323171\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_323171\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_323171\_M.3d\_stp.zip

English

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

Datasheets & Catalog Pages

STRATO-THERM Terminals & Splices for High Temperature Applications

English

Product Specifications

Product Specification

English