

42639-1 ✓ ACTIVE

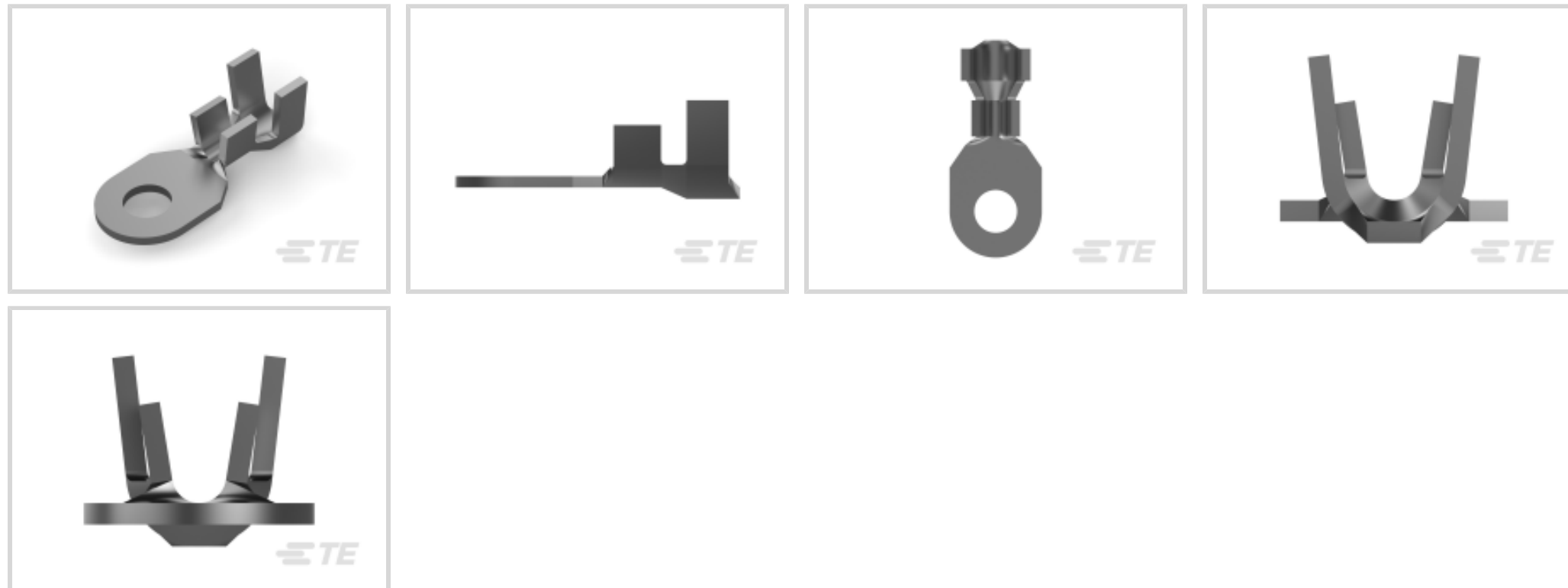
TE Internal #: 42639-1

Closed Ring Tongue Terminal, 14 – 12 AWG, #10 Stud Size, 5 mm [.19 in] Stud Diameter, Open Barrel, Straight, Tin, Uninsulated

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 4106 – 6529 CMA

Stud Size: #10

## Features

### Product Type Features

|  |                             |
|--|-----------------------------|
| Shape Description                      | D Shaped                    |
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #10                         |
| Sealable                               | No                          |
| Compatible With Discrete Wire Type     | Stranded                    |
| Wire Insulation Support Retention Type | Insulation Support          |

### Configuration Features

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

### Body Features

|                |         |
|----------------|---------|
| Product Weight | 2.058 g |
|----------------|---------|

### Contact Features

|                               |          |
|-------------------------------|----------|
| Contact Base Material         | Brass    |
| Barrel Type                   | Open     |
| Terminal Orientation          | Straight |
| Terminal Plating Material     | Tin      |
| Contact Underplating Material | None     |



### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

### Dimensions

|                                      |                                   |
|--------------------------------------|-----------------------------------|
|                                      | .17 in                            |
| Wire Size                            | 4106 – 6529 CMA                   |
| Stud Diameter                        | 5 mm [.19 in]                     |
| Tongue Thickness                     | 1.02 mm [.04 in]                  |
| Product Length                       | 24.13 mm [.95 in]                 |
| Barrel Inside Diameter               | 2.54 mm, 4.82 mm [.1 in] [.19 in] |
| Compatible Insulation Diameter (Max) | 5.33 mm [.21 in]                  |
| Compatible Insulation Diameter Range | 4.32 – 5.33 mm [.17 – .21 in]     |

### Usage Conditions

|                             |                 |
|-----------------------------|-----------------|
| Insulation Option           | Uninsulated     |
| Operating Temperature Range | 110 °C [230 °F] |

### Operation/Application

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

### Industry Standards

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

### Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 3000       |
| Packaging Method   | Strip/Reel |

### 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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

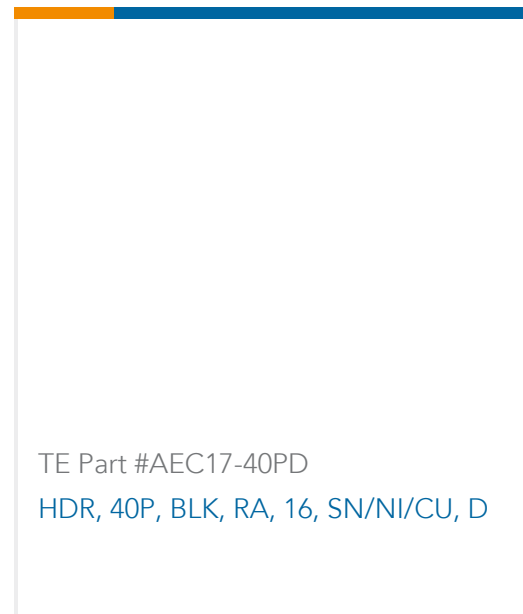
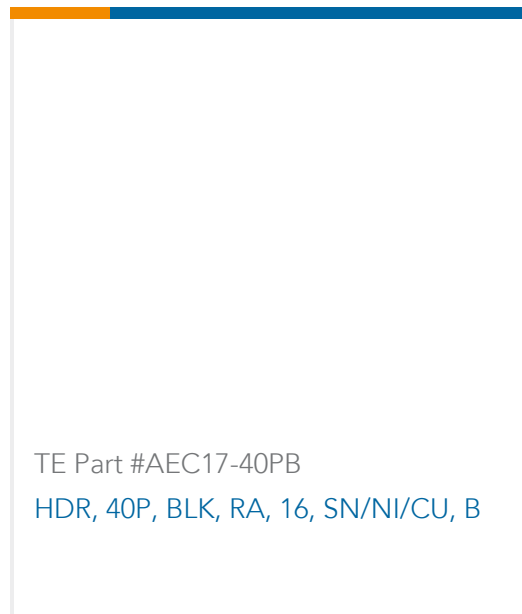
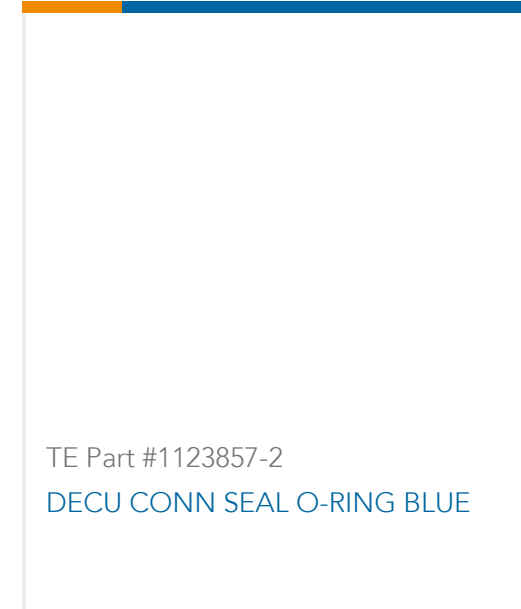
Product Compliance Disclaimer

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 # 42863-2<br/>RING CRIMP 12-10 AWG TPBR</p>    |  <p>TE Part # 42864-2<br/>RING CRIMP 12-10 AWG TPBR</p> |  <p>TE Part # 42864-1<br/>RING CRIMP 12-10 AWG BR</p>               |  <p>TE Part # 41124<br/>RING .190 (4.82 MM) 12-10 AWG TPBR</p> |
|  <p>TE Part # 40960<br/>RING TERMINAL 14-12 AWG TPBR</p>   |  <p>TE Part # 41604<br/>RING TERMINAL 14-12 AWG BR</p>  |  <p>TE Part # 40604-1<br/>RING TERMINAL TERMINAL 14-12 AWG TPBR</p> |  <p>TE Part # 40973<br/>RING TERMINAL 14-12 AWG TPBR</p>       |
|  <p>TE Part # 60485-1<br/>RING TERMINAL 14-12 AWG TPBR</p> |  <p>TE Part # 61424-1<br/>RING 12-10 AWG TPBR</p>       |  <p>TE Part # 567335-2<br/>HDMEAPO180F300FK</p>                     |   |

### Customers Also Bought



## Documents

### Product Drawings

[RING TERMINAL 14-12 AWG BR](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_42639-1\\_R\\_c-42639-1-r.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_42639-1\\_R\\_c-42639-1-r.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_42639-1\\_R\\_c-42639-1-r.3d\\_stp.zip](#)

English

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### Product Specifications

42639-1

Closed Ring Tongue Terminal, 14 – 12 AWG, #10 Stud Size, 5 mm [.19 in] Stud Diameter, Open Barrel, Straight, Tin, Uninsulated



## Engineering Report

English