



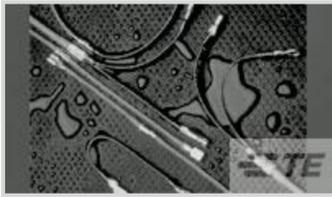
RAYCHEM

TE Internal #: 164581-000

Ring Terminals & Spade Terminals, 12 – 10 AWG Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, Stud Size #8, Stud Diameter .169 in [4.3 mm]

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



Wire Size: 3 – 6 mm<sup>2</sup>

Stud Size: #8

Stud Diameter: 4.3 mm [.169 in]

Tongue Thickness: .99 mm [.039 in]

**Features**

**Product Type Features**

|  |                    |
|--|--------------------|
| Shape Description                      | RING-008           |
| Stud Size                              | #8                 |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

**Configuration Features**

|                 |       |
|-----------------|-------|
| Number of Holes | 1     |
| Terminal Angle  | 180 ° |

**Body Features**

|                         |                 |
|-------------------------|-----------------|
| Inspection Slot         | No              |
| Insulation Sleeve Color | Yellow          |
| Weight per Piece        | 1 g [.03527 oz] |

**Contact Features**

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

**Mechanical Attachment**

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

**Dimensions**

|           |                       |
|-----------|-----------------------|
| Wire Size | 3 – 6 mm <sup>2</sup> |
|-----------|-----------------------|



|               |                 |
|---------------|-----------------|
| Stud Diameter | 4.3 mm[.169 in] |
|---------------|-----------------|

|                  |                 |
|------------------|-----------------|
| Tongue Thickness | .99 mm[.039 in] |
|------------------|-----------------|

|                        |                 |
|------------------------|-----------------|
| Overall Product Length | 38 mm[1.496 in] |
|------------------------|-----------------|

|                        |                 |
|------------------------|-----------------|
| Barrel Inside Diameter | 6.5 mm[.256 in] |
|------------------------|-----------------|

### Usage Conditions

|                   |                     |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 125 °C |
|-----------------------------|--------------|

### Operation/Application

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

### Industry Standards

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

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 500 |
|--------------------|-----|

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

### Other

|         |                   |
|---------|-------------------|
| Comment | Crimp Termination |
|---------|-------------------|

## 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<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 # CJ2087-000  
HL2010E-KIT-120V

## Documents

### Product Drawings

[B-106-1403](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_164581-000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_164581-000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_164581-000\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[1654025\\_Sec8\\_B-106](#)

English

[Raychem Electrical Interconnect Products](#)

English

### Product Specifications

[Installation Procedure for Duraseal Splices and Terminals](#)

English

164581-000

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