

34168 ✓ ACTIVE

PLASTI-GRIP

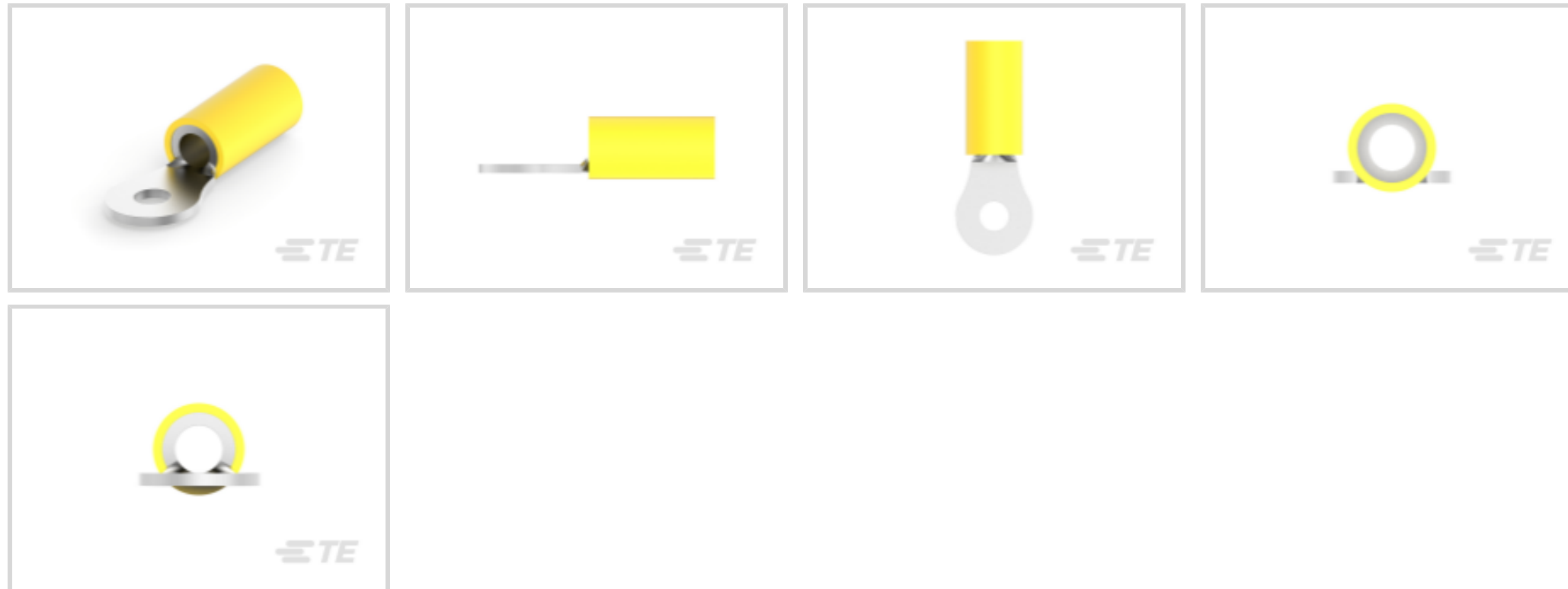
TE Internal #: 34168

Closed Ring Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud Size,  
3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin,  
PLASTI-GRIP

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: #6, M3.5

### Features

#### Product Type Features

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #6, M3.5                    |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

#### Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 5180 – 13100 CMA              |
| Stud Diameter                        | 3.68 mm [.145 in]             |
| Tongue Thickness                     | 1.02 mm [.04 in]              |
| Product Length                       | 27.89 mm [1.1 in]             |
| Compatible Insulation Diameter (Max) | 5.84 mm [.23 in]              |
| Compatible Insulation Diameter Range | 3.81 – 5.84 mm [.15 – .23 in] |

#### Contact Features

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

### Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

### Operation/Application

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

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 500         |

### Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

### Configuration Features

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

### Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

### Body Features

|                |        |
|----------------|--------|
| Product Weight | 1.91 g |
|----------------|--------|

### Mechanical Attachment

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

### Industry Standards

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

### 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 |



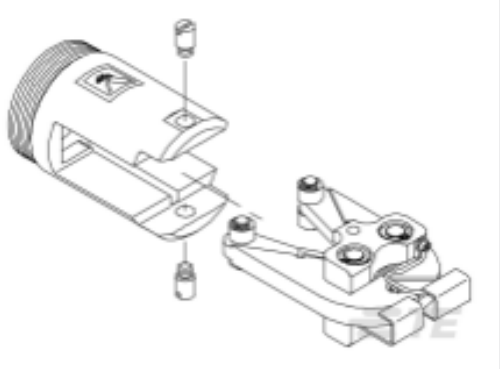








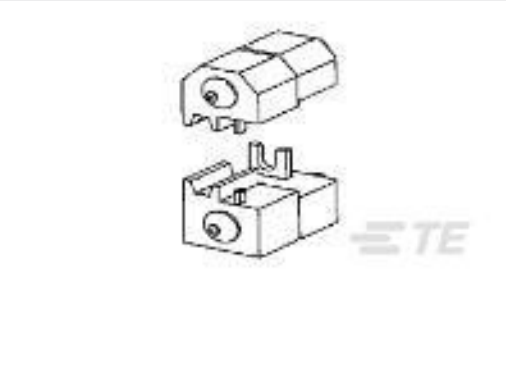


|                 |  |
|-----------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

|                           |  |
|---------------------------|--|
| 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>

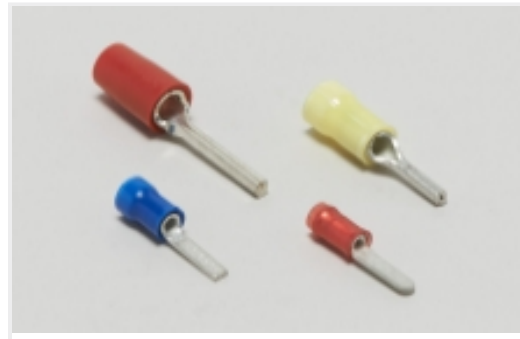
## Compatible Parts

|   |   |  |  |
|---|---|--|--|
|  <p>TE Part # 679300-1<br/>1210 PIDG CRIMP HEAD</p>  |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 59239-4<br/>HHHT PIDG PG 12-10 ASSY</p> |
|  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>        |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>                       |  <p>TE Part # 525692<br/>HHHT PIDG PG 12-10 ASSY</p>  |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   |
|  <p>TE Part # 2217330-2<br/>KIT, BTLI, 4 TON, EU</p> |  <p>TE Part # 47808-6<br/>DIES PIDG 12-10 DIE SET</p>               |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>            |

Also in the Series | **PLASTI-GRIP**



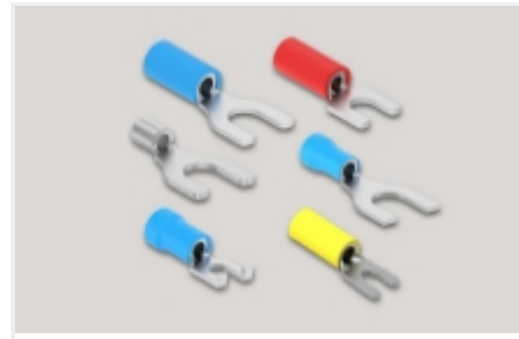
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)

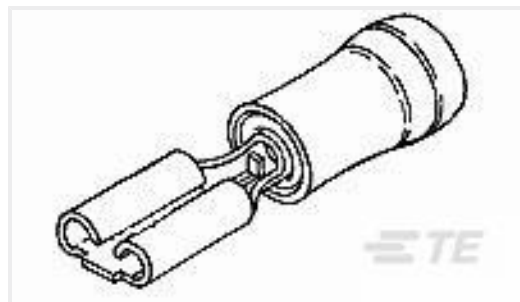


Splices(44)

### Customers Also Bought



TE Part #1-281838-2  
HOUSING HE13 HE14 COSI 12 P



TE Part #165566-1  
110 PIDG FASTON REC



TE Part #1579007-9  
EXTRACTION TOOL



TE Part #1-1469492-1  
MULTIGIG RT 9MM GUIDE/ESD 0 DEG



TE Part #6469083-1  
HMZD 3PAIR, HDR ASSY, 25MM MOD



TE Part #5223995-2  
UPM EXPANDED RECEPTACLE ASSEMB



TE Part #1-1579007-1  
EXTRACTION TOOL



TE Part #1410187-4  
MULTIGIG RT T2 7RW DC DF CT



TE Part #5223955-2  
TE UPM Ver Receptacle 3P STD Power

### Documents



**Product Drawings**

[TERMINAL,PG R 12-10 6](#)

English

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**CAD Files**

Customer View Model

[ENG\\_CVM\\_CVM\\_34168\\_N.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_34168\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_34168\\_N.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English

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