



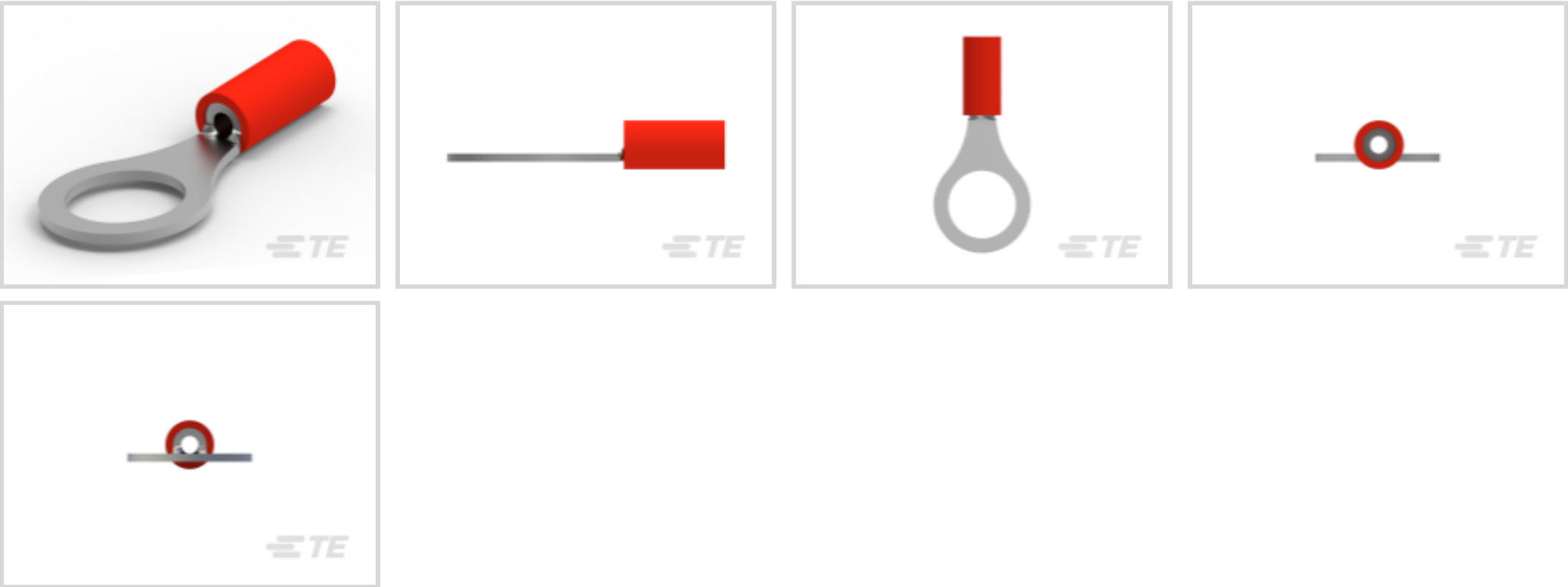
PLASTI-GRIP

TE Internal #: 342106-1

Closed Ring Tongue Terminal, 22 – 16 AWG, 5/16 / M8 Stud Size, 8.3 mm [.328 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: .3 – 1.3 mm²

Stud Size: 5/16, M8

Stud Diameter: 8.3 mm [.328 in]

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Body Features

|                         |        |
|-------------------------|--------|
| Insulation Sleeve Color | Red    |
| Stripe Color            | Red    |
| Product Weight          | .932 g |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



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

Mechanical Attachment

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | .3 – 1.3 mm <sup>2</sup>      |
| Stud Diameter                        | 8.3 mm [.328 in]              |
| Tongue Thickness                     | .79 mm [.031 in]              |
| Product Length                       | 27.84 mm [1.096 in]           |
| Compatible Insulation Diameter (Max) | 3.6 mm [.141 in]              |
| Compatible Insulation Diameter Range | 2.7 – 3.6 mm [.106 – .142 in] |

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    |

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



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

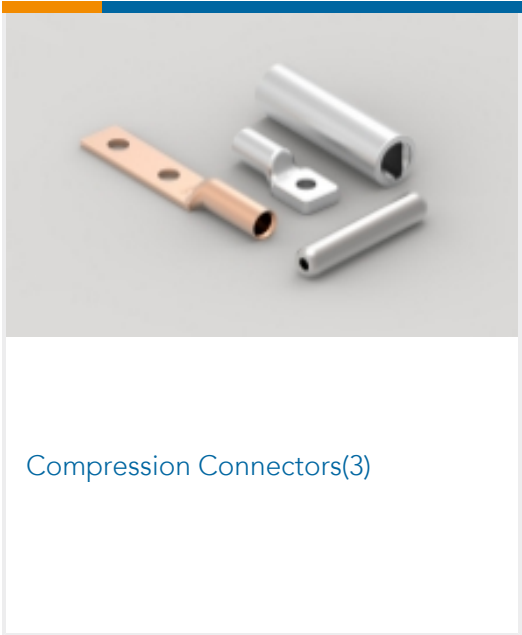
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>    |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>         |  <p>TE Part # 59170<br/>T-HEAD PIDG SH 26-14 ASSY</p> |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |
|  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>   |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>                 |
|  <p>TE Part # 47806-2<br/>DIES PIDG 22-16 DIE SET</p> |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p> |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>            |  <p>TE Part # 1SET191001R0000<br/>CRIMP-HT</p>                      |



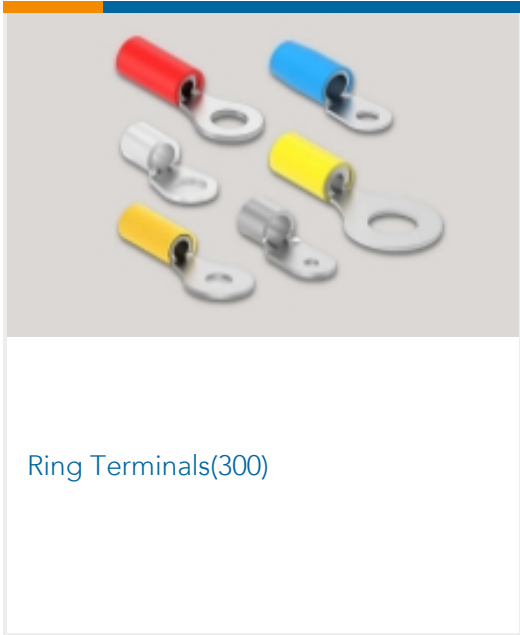
Also in the Series | **PLASTI-GRIP**



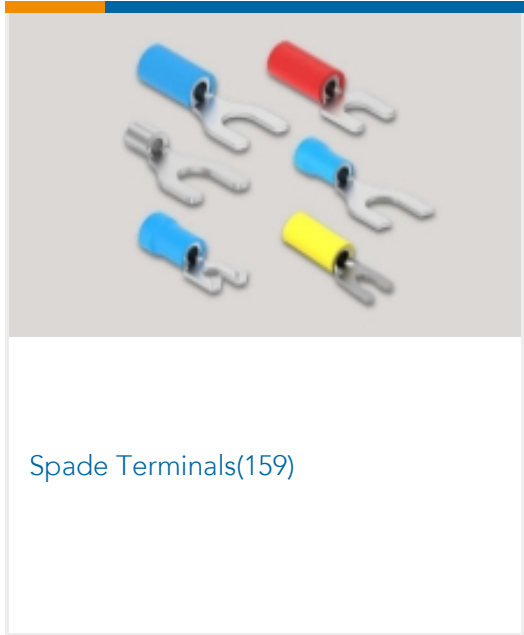
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)



Spade Terminals(159)



Splices(45)

Customers Also Bought



TE Part #323817  
TERMINAL, PIDG R OFS 16-14 6



TE Part #8-328975-1  
PIDG R 22-16 COMM 22-18MIL 1/2



TE Part #TAD14745101-005  
M12D4-MS-MS-PUR TYPE C GREEN-5.0M



TE Part #350557-1  
MNL SOK SPECIAL .0126PTPBR



TE Part #52267  
TERMINAL R PG 2 1/4



TE Part #316052-000  
55A1121-20-9/96-9



TE Part #TAD14741111-002  
M12D4-MS-MS-PVC TYPE B-1.0M



TE Part #680106-000  
D-609-05



TE Part #5519236001  
[TMS-CCUV-SLEEVE-3-X-65MM](#)

Documents

Product Drawings

[22-16 F.E.P.G. RING TONGUE 5/1](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_342106-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_342106-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_342106-1\\_M.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English