

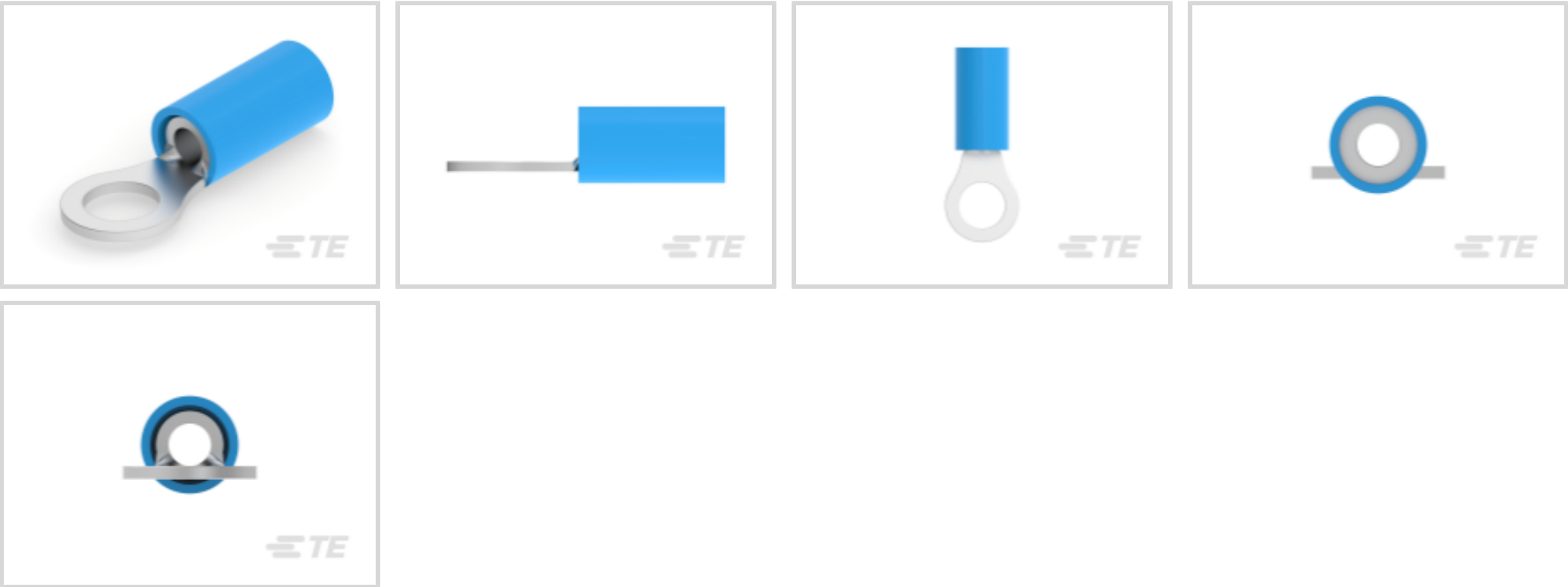


PIDG

TE Internal #: 53942-2  
Closed Ring Tongue Terminal, 16 AWG, #10 Stud, 5 mm [.197 in]  
Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially  
Insulated

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: #10

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Product Type Features

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #10                         |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

Body Features

|                         |         |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
|-------------------------|---------|

Contact Features

|                      |          |
|----------------------|----------|
| Barrel Type          | Closed   |
| Terminal Orientation | Straight |
|                      |          |



|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

Mechanical Attachment

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

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Wire Size                            | 2050 – 5180 CMA                |
| Stud Diameter                        | 5 mm [.197 in]                 |
| Tongue Thickness                     | .78 mm [.031 in]               |
| Product Length                       | 20.65 mm [.813 in]             |
| Compatible Insulation Diameter (Max) | 4.32 mm [.17 in]               |
| Compatible Insulation Diameter Range | 2.92 – 4.31 mm [.115 – .17 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |              |
|--------------------|--------------|
| Packaging Quantity | 1            |
| Packaging Method   | Tape Mounted |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 47387  
DAHT PG PIDG 20-14 ASSY



TE Part # 169404  
CERTI-LOK DIE



TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY




TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252

Also in the Series | PIDG




Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)

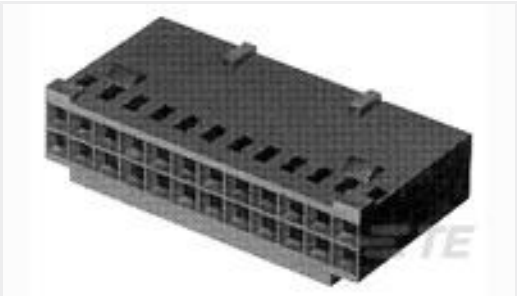


Special Purpose Terminals(1)

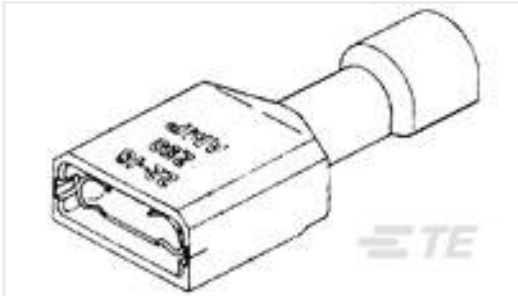


Splices(41)

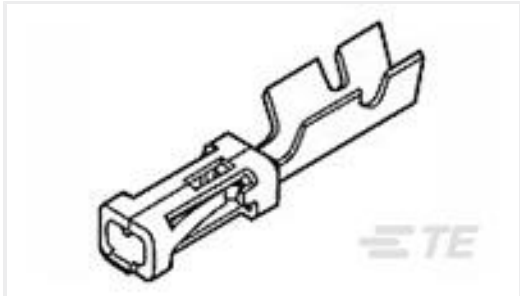
Customers Also Bought



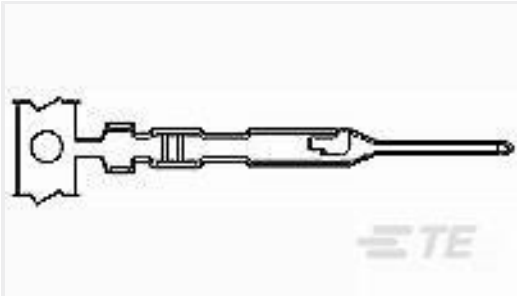
TE Part #1-87631-0  
14 MODIV HSG DR MRKD .100 POL



TE Part #3-520140-4  
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



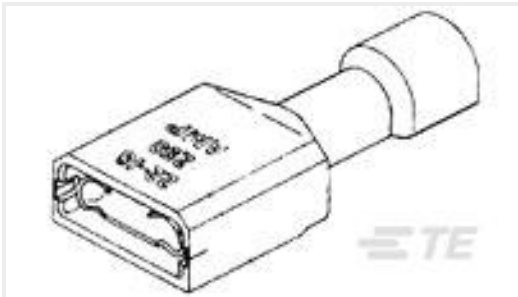
TE Part #85969-8  
MOD IV RECP PLTD 30 SEL



TE Part #1-104505-3  
MTE PIN LP



TE Part #52263-2  
TERMINAL R PG 8 10



TE Part #2-520263-4  
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #2-35109-1  
PIDG 12-10 R 10; TAPE



TE Part #35183  
TERMINAL,SOLIS R 2 5/16



TE Part #31398  
DG R 22-16 COMM 22-18 MIL 10



TE Part #193841-1  
PIN, 2MM, 12-14 AWG

Documents

Product Drawings  
TERMINAL,PIDG R 16-14 10  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_53942-2\_C.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_53942-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53942-2\\_C.3d\\_stp.zip](#)

English

3D PDF

English

Customer View Model

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English

Customer View Model

[ENG\\_CVM\\_53942-2\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53942-2\\_A.2d\\_dxf.zip](#)

English

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English