

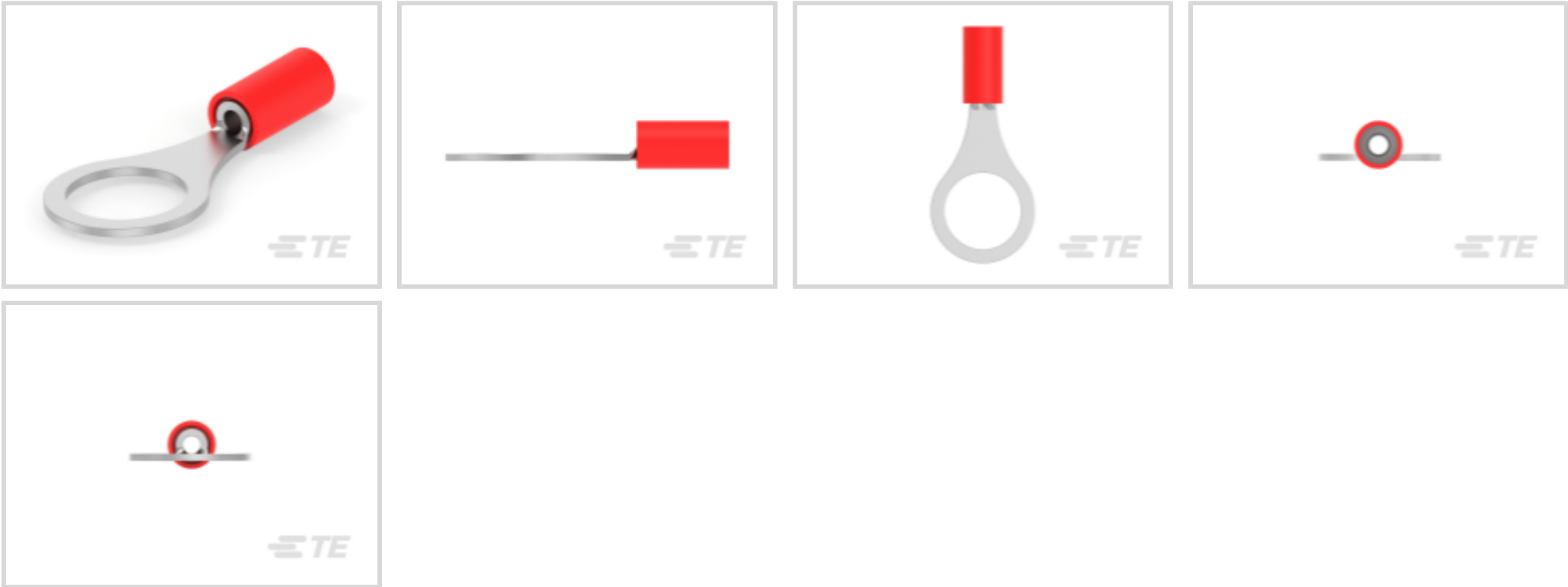


PIDG

TE Internal #: 8-31897-1  
Closed Ring Tongue Terminal, 22 AWG, 3/8 Stud, 9.53 mm [.375 in]  
Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially  
Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: 3/8

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

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 3/8                         |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Electrical Characteristics

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

Body Features

|                         |        |
|-------------------------|--------|
| Product Weight          | 1.23 g |
| Insulation Sleeve Color | Red    |
| Stripe Color            | Red    |

Contact Features

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



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

Mechanical Attachment

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 509 – 3260 CMA                |
| Stud Diameter                        | 9.53 mm[.375 in]              |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 30.94 mm[1.218 in]            |
| Compatible Insulation Diameter (Max) | 3.56 mm[.14 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.56 mm[.105 – .14 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 | 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: 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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY

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

TE Part # 169404  
CERTI-LOK DIE

Also in the Series | PIDG

Compression Connectors(17)

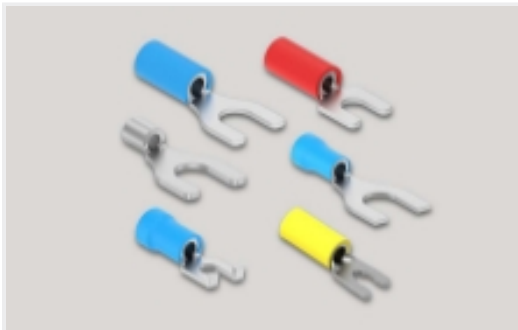
Crimp Wire Pins, Tabs & Ferrules(41)

Hand Crimping Tools(2)

Knife Disconnects(11)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #3-2213767-7  
AV19 SPL 3A MOVE RING LED BLUE 12V



TE Part #350639-1  
MNL PIN PTPBR



TE Part #8-35151-2  
TERMINAL,PIDG R 12-10 1/2



TE Part #1-2308340-1  
FULL METAL HOODS SIZE 1



TE Part #1-2213767-7  
AV19 SPM 3A MOVE RING LED BLUE 12V



TE Part #350638-4  
MNL SOK L/P



TE Part #1-480349-0  
01P CMNL PLUG HSG F/H NATL



TE Part #160136  
TERM, RING, PLASTI-GRIP, 16-14, M10



TE Part #2201855-1  
MINI I/O PLUG KIT TYPE I L



TE Part #1-2201855-1  
MINI I/O PLUG KIT TYPE II L

Documents

Product Drawings

PIDG R 22-16COMM 22-18MIL 3/8

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_8-31897-1\_P.2d\_dxf.zip

8-31897-1

Closed Ring Tongue Terminal, 22 AWG, 3/8 Stud, 9.53 mm [.375 in] Stud Diameter,  
Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG



English

Customer View Model

[ENG\\_CVM\\_8-31897-1\\_P.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-31897-1\\_P.3d\\_stp.zip](#)

English

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Instruction Sheets

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

English