# 31900 ✔ ACTIVE

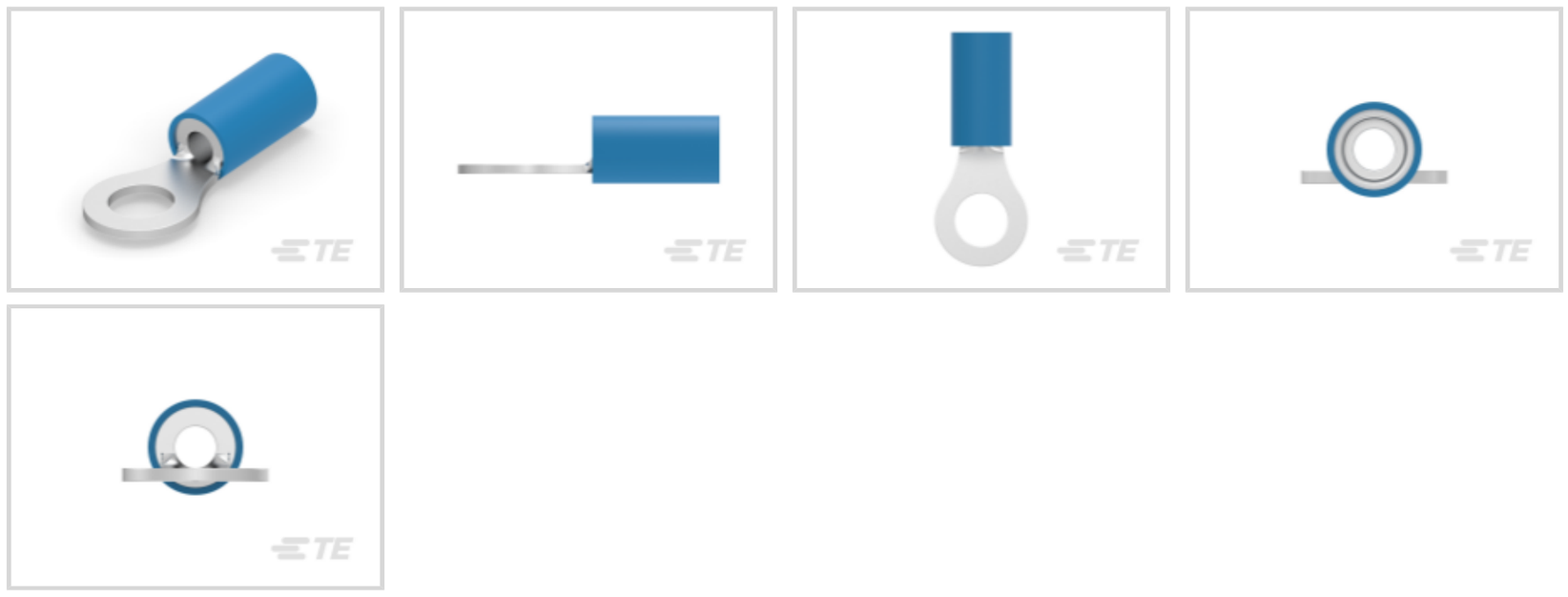
PIDG

TE Internal #: 31900

Closed Ring Tongue Terminal, 16 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

View on TE.com >

Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#10**

## 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

| | |
|---|---|
| Product Weight | 1.075 g |
| Insulation Sleeve Color | Blue |
| Stripe Color | Blue |

### 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 | .79 mm[.031 in] |
| Product Length | 21.81 mm[.859 in] |
| Compatible Insulation Diameter (Max) | 3.81 mm[.15 in] |
| Compatible Insulation Diameter Range | 2.67 – 3.81 mm[.105 – .15 in] |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 0 – 105 °C[0 – 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 | 1000 |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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



TE Part # 59250
T-HEAD PIDG 26-14 ASSY




TE Part # 47387
DAHT PG PIDG 20-14 ASSY



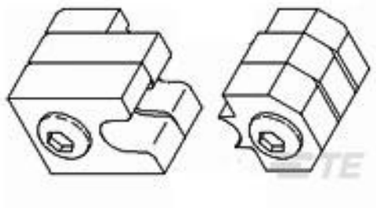
TE Part # 169400
CERTI-LOK FRAME W/O DIES



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




TE Part # 525691
DAHT PG PIDG 16-14 ASSY



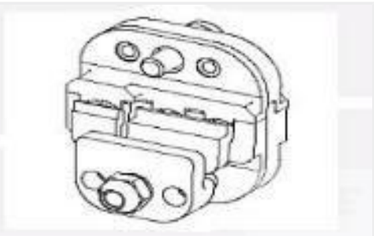
TE Part # 47807-1
DIES PIDG 16-14 DIE SET



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




TE Part # 58423-1
DIE, RBY IS9252



TE Part # 2063030-1
SDE DIESET, RBY, UL



TE Part # 169404
CERTI-LOK DIE

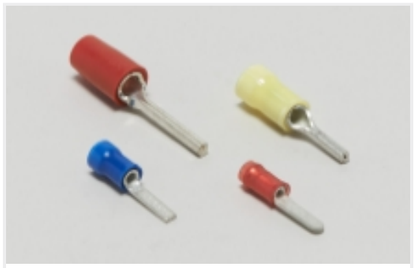


TE Part # 539691-2
ERGO DIE R.B.Y

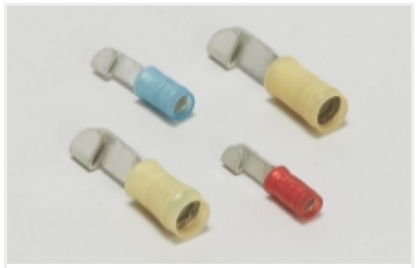
## Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



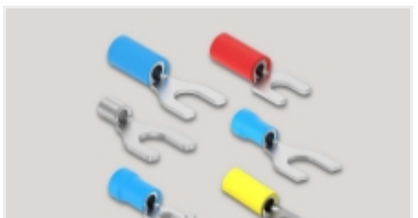
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

## Customers Also Bought



TE Part #807258-000
202D211-3/42-0



TE Part #31888
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #152874
14-12 PIDG R/T NO6STUD WHITE



TE Part #1-794218-0
MINI UMNL2 PIN 26-22AWG AU LF



TE Part #1377173-6
SMP 0-0034162-0




TE Part #2031973-1
SDE UMNL 1.0-3.3mm2 ASSY



TE Part #2-6609006-5
15EJT1=F8137



TE Part #152891
TERMINAL R T PIDG AWG 20 10 PURPLE

## Documents

## Product Drawings

TERMINAL,PIDG R 16-14 10

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_31900_AD.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_31900_AD.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_31900_AD.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Product Specifications

Application Specification

English

## Agency Approvals

UL Report

English