# 171508-8 ✔ ACTIVE

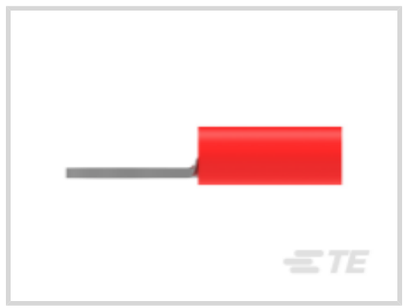
PIDG

TE Internal #: 171508-8

Closed Ring Tongue Terminal, 22 – 16 AWG, M5 Stud, 5.3 mm [.209 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: **509 – 3260 CMA**

Stud Size: **M5**

## Features

### Product Type Features

| | |
|---|---|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | M5 |
| 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 | 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 | 5.3 mm[.209 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 20.3 mm[.792 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 |
| 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 | 100 |
| Packaging Method | Bag |

# 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 # 47386
DAHT PG PIDG 26-16 ASSY



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



TE Part # 47806-2
DIES PIDG 22-16 DIE SET




TE Part # 58423-1
DIE, RBY IS9252



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



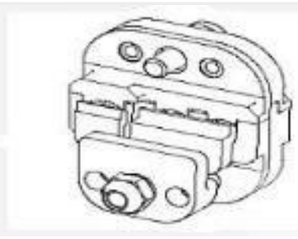
TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY



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



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



TE Part # 169404
CERTI-LOK DIE

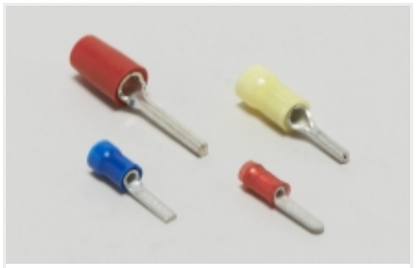


TE Part # 539691-2
ERGO DIE R.B.Y

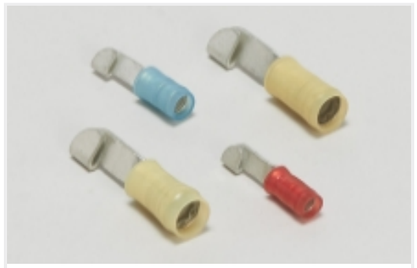
## Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



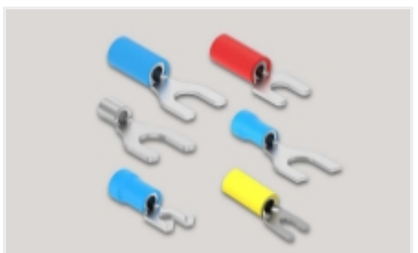
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)

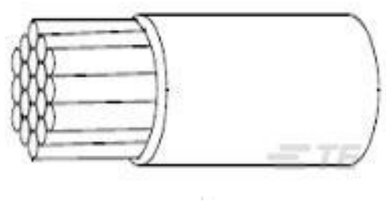


Special Purpose Terminals(1)



Splices(41)

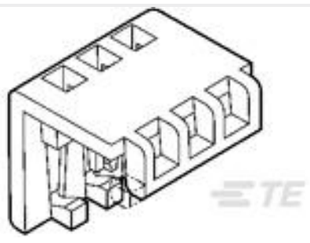
## Customers Also Bought



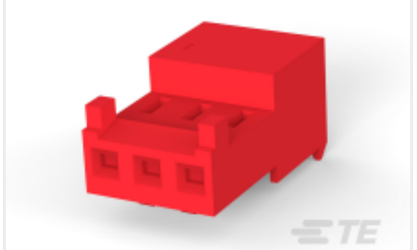
TE Part #602695-002
55A0112-22-2



TE Part #EM3242-000
RNF-100-3/4-BK-2.25IN



TE Part #1-643075-3
13P MTA100 MOLDED COVER



TE Part #CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



TE Part #770587-1
24P MINI UMNL PLUG HSG



TE Part #1-770902-0
MINI UMNL SOK 26-22 AWG AU



TE Part #6-1393114-4
KUHP-1D51-110=KU



TE Part #5786554-1
20 50SR VRT RCPT,L,R,ACT PIN

TE Part #3-647554-6
06P MTA156 ASSY W/TBS ON TAPE, LF

## Documents

## Product Drawings

PIDG RING UL.CSA(22-16)

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_171508-8_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_171508-8_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_171508-8_F.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

## Instruction Sheets

Instruction Sheet (U.S.)

English