# 8-53941-1 ✔ ACTIVE

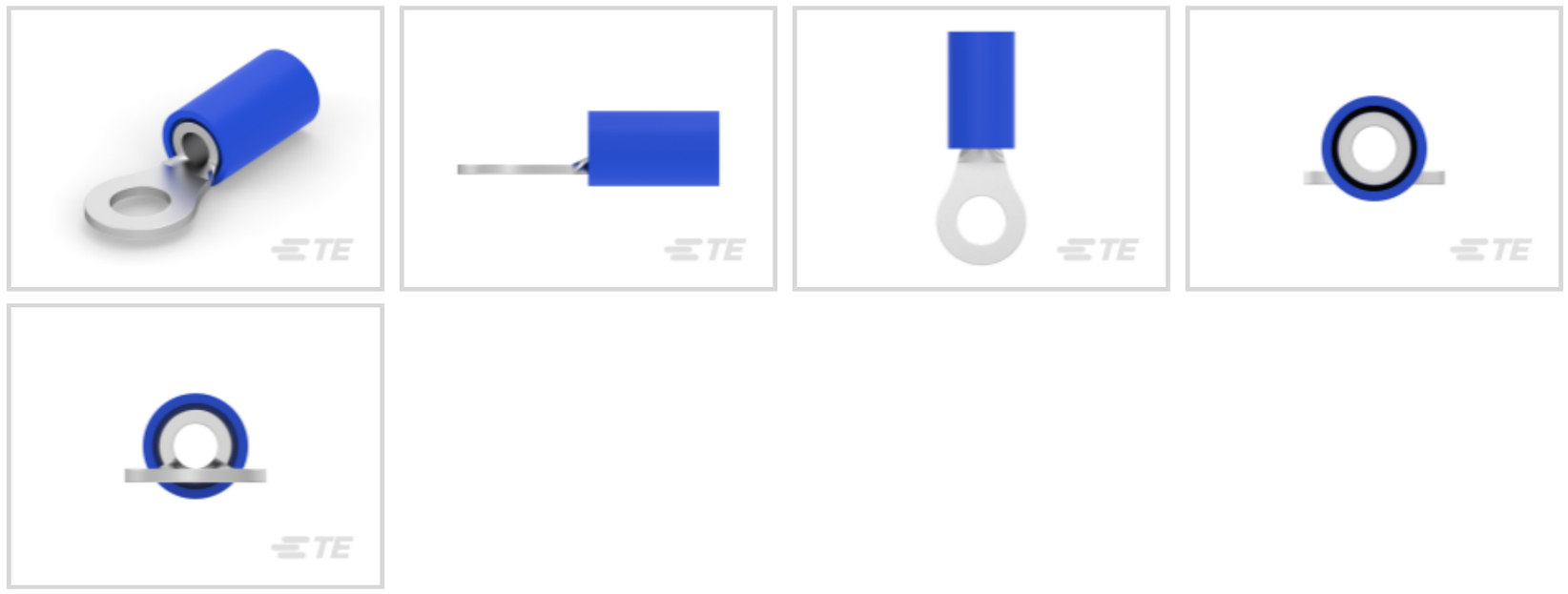
PIDG

TE Internal #: 8-53941-1

Closed Ring Tongue Terminal, 16 AWG, #8 / M4 Stud, 4.34 mm [.171 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: **2050 – 5180 CMA**

Stud Size: **#8, M4**

All PIDG Ring Tongue Terminals (410)

## Features

### Product Type Features

| | |
|---|---|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | #8, M4 |
| 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 | 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 | 4.34 mm[.171 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 |
| 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 | 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 | Low Halogen - Br, Cl, F < 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 # 169404
CERTI-LOK DIE




TE Part # 58423-1
DIE, RBY IS9252



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

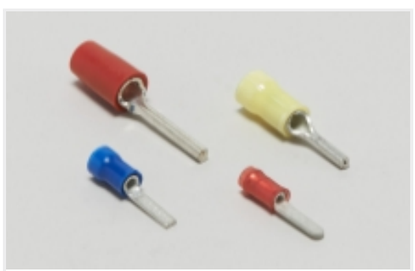



TE Part # 47387
DAHT PG PIDG 20-14 ASSY

## Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



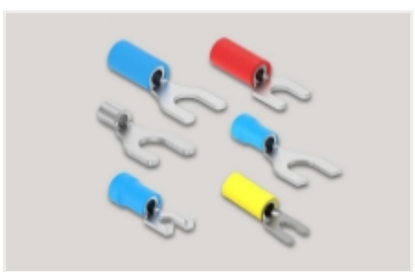
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)

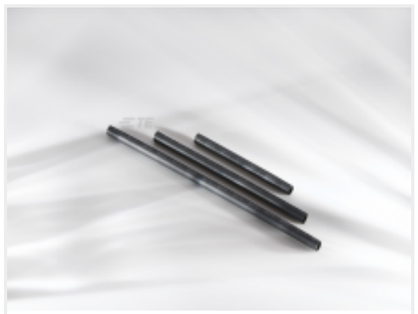


Special Purpose Terminals(1)



Splices(41)

## Customers Also Bought



TE Part #537637P041
SCT-NO.3-E3-0-STK



TE Part #CAT-HST-CGPT1
CGPT 2:1 Heat Shrink Tubing



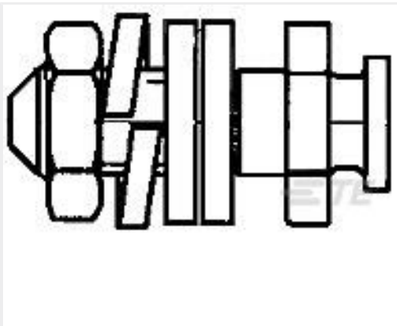
TE Part #8-215083-6
MICRO-MATCH MOW.16P



TE Part #322339
TERMINAL,SOLIS R HT 16-14 1/4



TE Part #2205062-2
CA MICRO-MATCH MOW-MOW 8POS



TE Part #5206514-6
SLIDING LOCK POST KIT



TE Part #1483352-2
MICRO-MATCH LEAD 08P 150MM

## Documents

### Product Drawings

TERMINAL,PIDG R 16-14 8

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_8-53941-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_8-53941-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_8-53941-1_C.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