



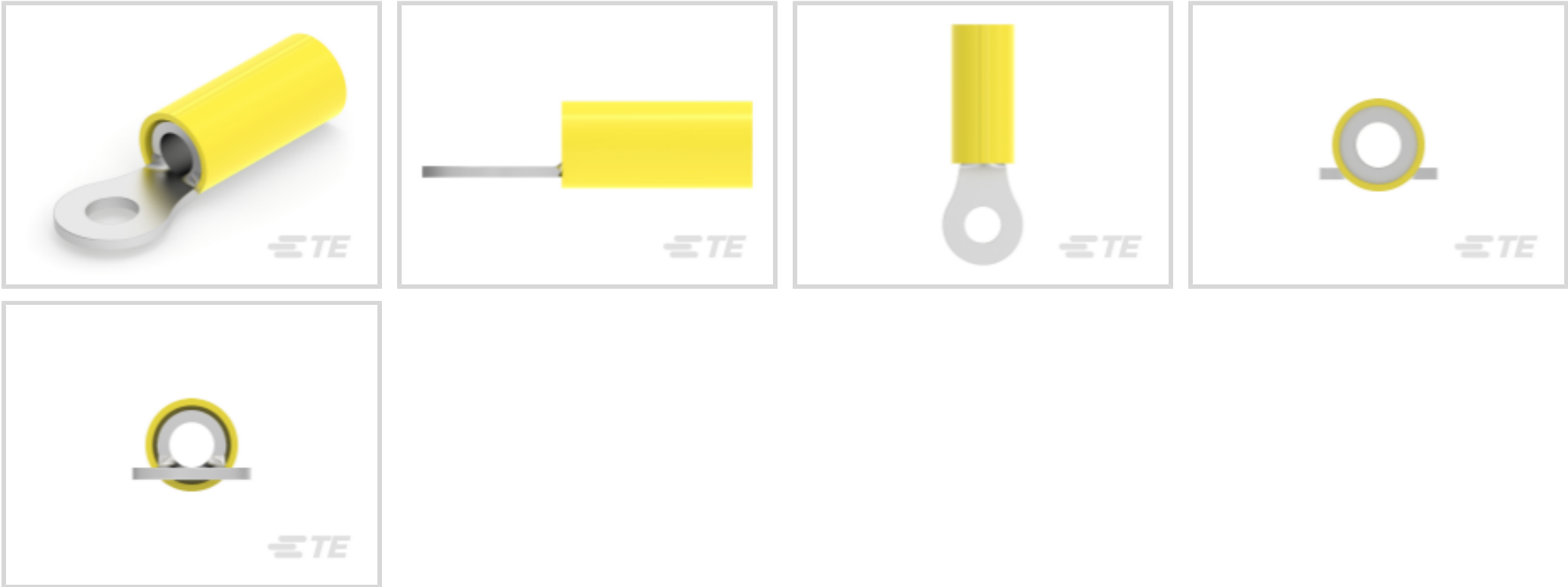
PIDG

TE Internal #: 2-320568-2

Closed Ring Tongue Terminal, 12 AWG, #8 / M4 Stud, 4.17 mm [.164 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: 6654 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 Restriction      |

Configuration Features

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

Electrical Characteristics

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

Body Features

|                |         |
|----------------|---------|
| Product Weight | 2.314 g |
| Stripe Color   | Yellow  |

Contact Features

|                     |         |
|---------------------|---------|
| Military Part Class | Class I |
|---------------------|---------|



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

Mechanical Attachment

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

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | 6654 CMA                     |
| Stud Diameter                        | 4.17 mm[.164 in]             |
| Tongue Thickness                     | .79 mm[.031 in]              |
| Product Length                       | 29.16 mm[1.148 in]           |
| Compatible Insulation Diameter (Max) | 5.08 mm[.2 in]               |
| Compatible Insulation Diameter Range | 2.41 – 5.08 mm[.095 – .2 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 | Yes |
|-------------------------------|-----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 500         |
| 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 2021 (211)<br>Does not contain REACH SVHC |

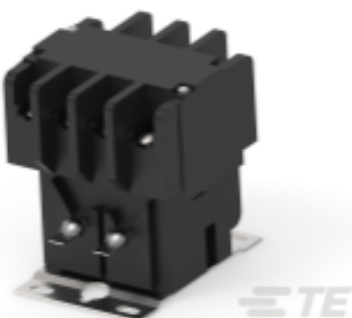


|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process 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

|                                                                                                                                            |                                                                                                                                           |                                                                                                                                               |                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 4-1393247-0<br>W31-X2M1G-4=W23/W31        | <br>TE Part # 8-1393132-7<br>P40P48D12P1-12=CONTACTORS | <br>TE Part # 9-1393252-6<br>W67-X2S12-15=M6/M7/M9/W6/W7 | <br>TE Part # 3-1393127-8<br>PRD-11DG0-24=PRD           |
| <br>TE Part # 3-1393247-1<br>W31-X2M1G-1=W23/W31        | <br>TE Part # 1393127-9<br>PRD-11AG0-120=PRD           | <br>TE Part # 7-1393246-2<br>W23-X1A1G-35=W23/W31        | <br>TE Part # 4-1393132-0<br>P30P49A13P1-240=CONTACTORS |
| <br>TE Part # 2-1393132-0<br>P25P42A22P1-120=CONTACTORS | <br>TE Part # 4-1393247-2<br>W31-X2M1G-5=W23/W31       | <br>TE Part # 4-1393247-4<br>W31-X2M1G-7.50=W23/W31      | <br>TE Part # 3-1393247-3<br>W31-X2M1G-15=W23/W31       |





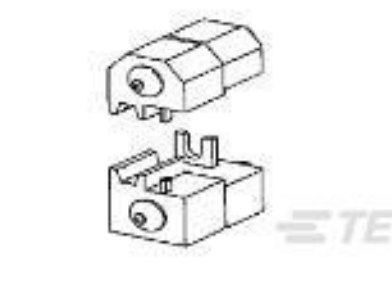
TE Part # 3-1393247-5  
W31-X2M1G-20=W23/W31



TE Part # 5-1393127-0  
PRD-11DH0-48=PRD



TE Part # 6-1393246-9  
W23-X1A1G-25=W23/W31-



TE Part # 47808-6  
DIES PIDG 12-10 DIE SET



TE Part # 8-1393132-6  
P40P47D14P1-24=CONTACTORS



TE Part # 8-1393132-2  
P40P47A13P1-240=CONTACTORS



TE Part # 6-1393246-5  
W23-X1A1G-10=W23/W31



TE Part # 7-1393246-1  
W23-X1A1G-30=W23/W31

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



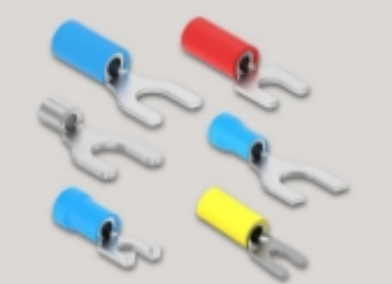
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

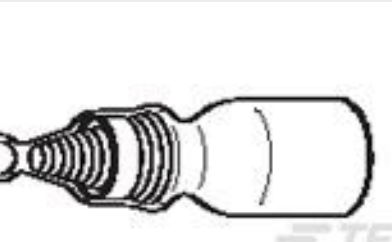
Customers Also Bought



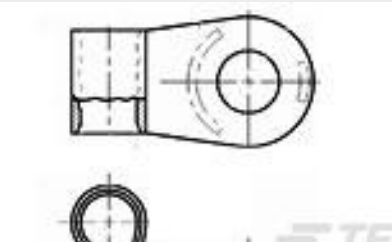
TE Part #53419-1  
TERMINAL,PIDG PVF2 R 16-14 1/4



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



TE Part #919829-000  
SGRP-3



TE Part #321059  
TERMINAL,SOLIS FLAG R 4 10





Documents

Product Drawings

TERM, RT, PIDG IR, 12, #8

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-320568-2\_AC.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-320568-2\_AC.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-320568-2\_AC.3d\_stp.zip

English

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

Agency Approvals

CSA Certificate

English