

165405 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 165405

Ring Terminals & Spade Terminals, Ring Tongue, 20 – 16 AWG

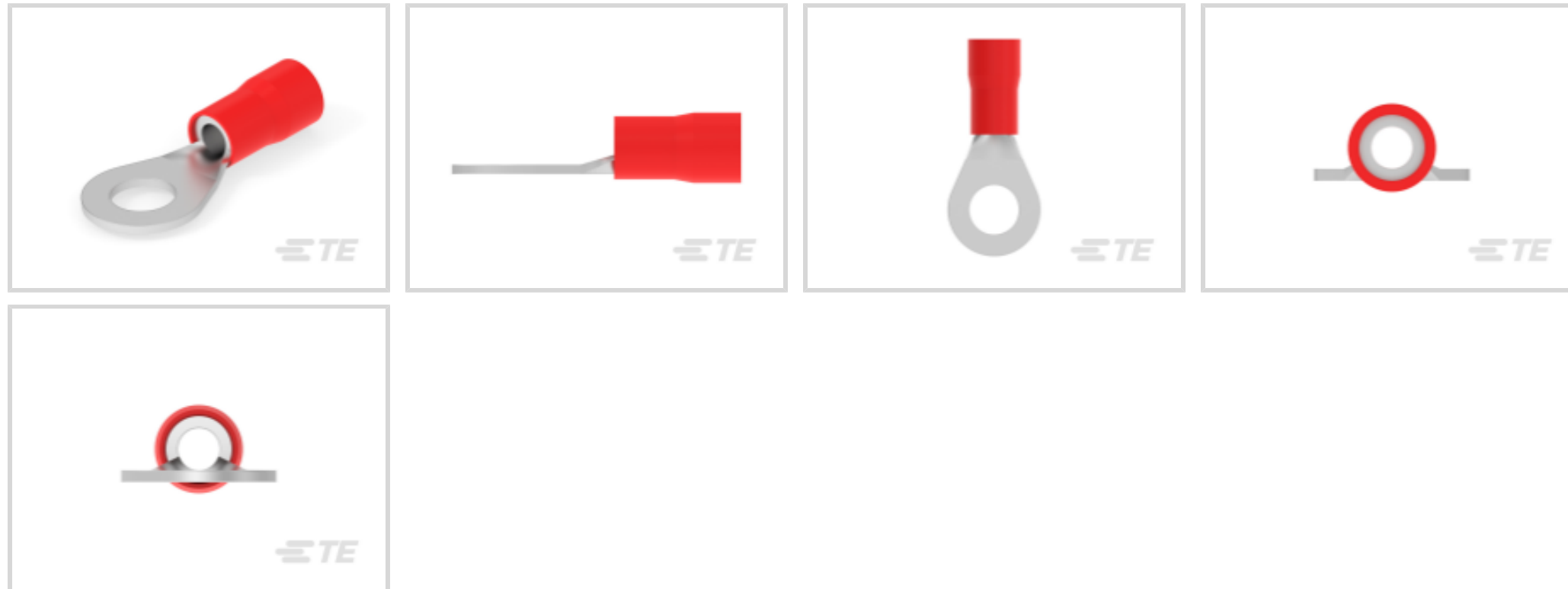
Wire Size, .5 – 1 mm<sup>2</sup> Wire Size, 1023.97 – 2580.56 CMA Wire Size,

Stud Size M5, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: Ring Tongue

Wire Size: 1023.97 – 2580.56 CMA

Stud Size: M5

Features

Product Type Features

Shape Description	RING-049
Stud Size	M5
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Body Features

Insulation Sleeve Color	Red
Weight per Piece	.155 g
Stripe Color	Red

Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight



Terminal Plating Material	Tin
---------------------------	-----

### Mechanical Attachment

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

### Dimensions

Wire Size	1023.97 – 2580.56 CMA
-----------	-----------------------

Stud Diameter	5.3 mm[.209 in]
---------------	-----------------

Tongue Thickness	.79 mm[.031 in]
------------------	-----------------

Overall Product Length	22.63 mm[.891 in]
------------------------	-------------------

Accepts Wire Insulation Diameter (Max)	3.1 mm[.122 in]
--	-----------------

Accepts Wire Insulation Diameter Range	3.1 mm[.122 in]
--	-----------------

### Usage Conditions

Insulation Option	Partially Insulated
-------------------	---------------------

Operating Temperature Range	105 °C[221 °F]
-----------------------------	----------------

### Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Compatible With Wire Plating Material	Tin
---------------------------------------	-----

Heavy Duty	No
------------	----

### Industry Standards

Government Qualified	No
----------------------	----

### Packaging Features

Packaging Quantity	1000
--------------------	------

Packaging Method	Box
------------------	-----

### Other

Comment	Available On-Tape for Automatic Termination.
---------	--

### 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 2022 (224)
--	--



Candidate List Declared Against: JAN 2022  
(223)  
SVHC > Threshold:  
Not Yet Reviewed

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



REPRESENTATION ONLY

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



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




TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 169404  
CERTI-LOK DIE


### Also in the Series | PLASTI-GRIP




Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals & Spade Terminals(538)



Special Purpose Terminals(1)



Splices(49)

## Customers Also Bought



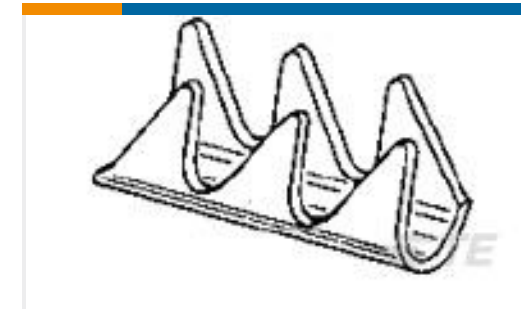
TE Part #2213362-4  
RCPT ASSY, DIMMABLE  
PHOTOCONTROL, 105C, 3/4



TE Part #1-1393239-9  
RT114730



TE Part #626033-2  
RING TONGUE 1.0-2.5 MM2 0.60X11.  
43 TPBR



TE Part #925856-1  
WIRE PIN 15.5-13.5 AWG .01 PTPB



TE Part #1-2213362-4  
RCPT ASSY, DIMMABLE  
PHOTOCONTROL, 105C, 3/4

## Documents

### Product Drawings

P.G. RING DIN

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_165405\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_165405\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_165405\\_E.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

---

**Product Environmental Compliance**

**TE Material Declaration**

English