

160296 ✓ ACTIVE

PLASTI-GRIP

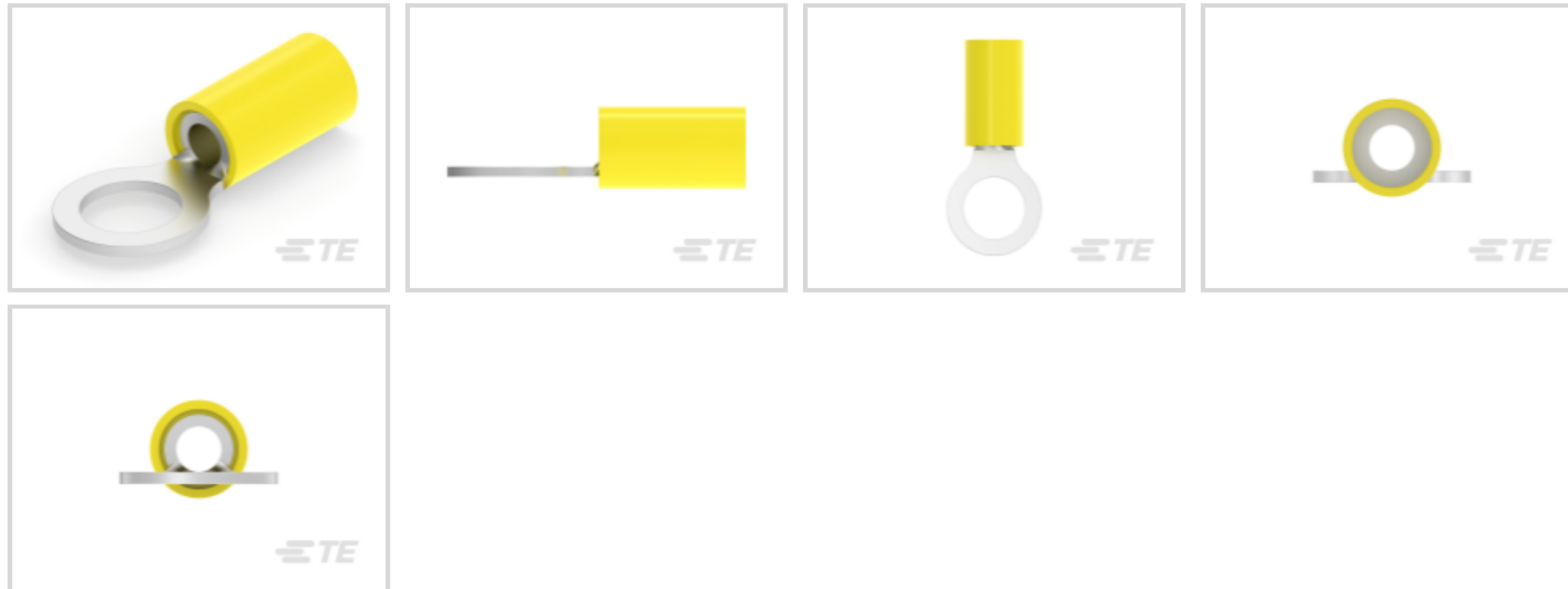
TE Internal #: 160296

Closed Ring Tongue Terminal, 12 – 10 AWG, 5/16 / M8 Stud Size, 8.3 mm [.327 in] Stud Diameter, Closed Barrel, Straight, Tin, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



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

Wire Size: **5180 – 13100 CMA**

Stud Size: **M8, 5/16**

**Features**

**Product Type Features**

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M8, 5/16
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Dimensions**

Wire Size	5180 – 13100 CMA
Stud Diameter	8.3 mm[.327 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	30.1 mm[1.19 in]
Compatible Insulation Diameter (Max)	6.35 mm[.25 in]
Compatible Insulation Diameter Range	3.81 – 6.35 mm[.15 – .25 in]

**Contact Features**

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

### 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

### Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	500

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Configuration Features

Number of Holes	1
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### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Product Weight	2 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

### Mechanical Attachment

Wire Insulation Support	With
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### Industry Standards

Government Qualified Terminal	No
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### 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 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)

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 # 679300-1  
1210 PIDG CRIMP HEAD



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



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



TE Part # 59239-4  
HHHT PIDG PG 12-10 ASSY




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



TE Part # 58423-1  
DIE, RBY IS9252



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



TE Part # 2217330-1  
KIT, BTLI, 4 TON, NA



TE Part # 2217330-2  
KIT, BTLI, 4 TON, EU



TE Part # 2217484-1  
KIT, BTLI, HEAVY HEAD



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

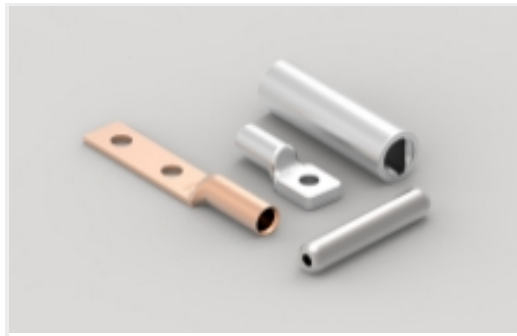


TE Part # 169400  
CERTI-LOK FRAME W/O DIES

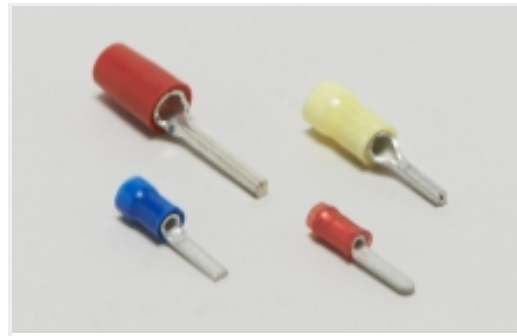


TE Part # 169404  
CERTI-LOK DIE

### Also in the Series | PLASTI-GRIP



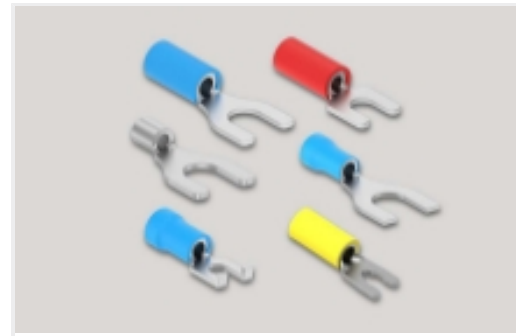
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)



Splices(44)

### Customers Also Bought



TE Part #3-640443-5  
OSP MTA100 CONN ASSY GRN



TE Part #34156  
PG SPD 22-16 COMM 22-18 MIL 10



TE Part #130014  
TERM, R, PG, 22-16, M5



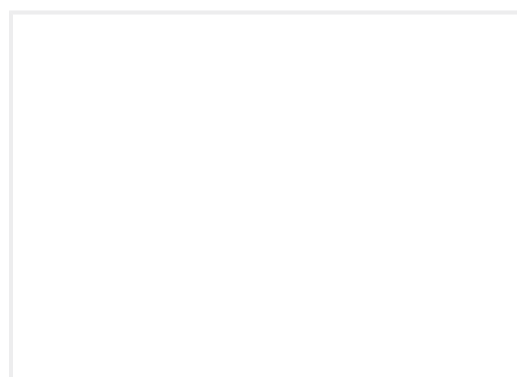
TE Part #9-1377173-5  
SMP 0-0130532-0



TE Part #1SNA125479R2500  
M4/6.4A.N



TE Part #1SNA195638R2300  
M4/6.4A.P



TE Part #800610-SF  
FN2020-16-06



## Documents

### Product Drawings

#### [RING TNG PLASTI-G](#)

English

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### CAD Files

#### Customer View Model

##### [ENG\\_CVM\\_CVM\\_160296\\_K.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

##### [ENG\\_CVM\\_CVM\\_160296\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

##### [ENG\\_CVM\\_CVM\\_160296\\_K.3d\\_stp.zip](#)

English

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

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### Product Specifications

#### [Application Specification](#)

English

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### Instruction Sheets

#### [Instruction Sheet \(U.S.\)](#)

English

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### Agency Approvals

#### [UL Report](#)

English