



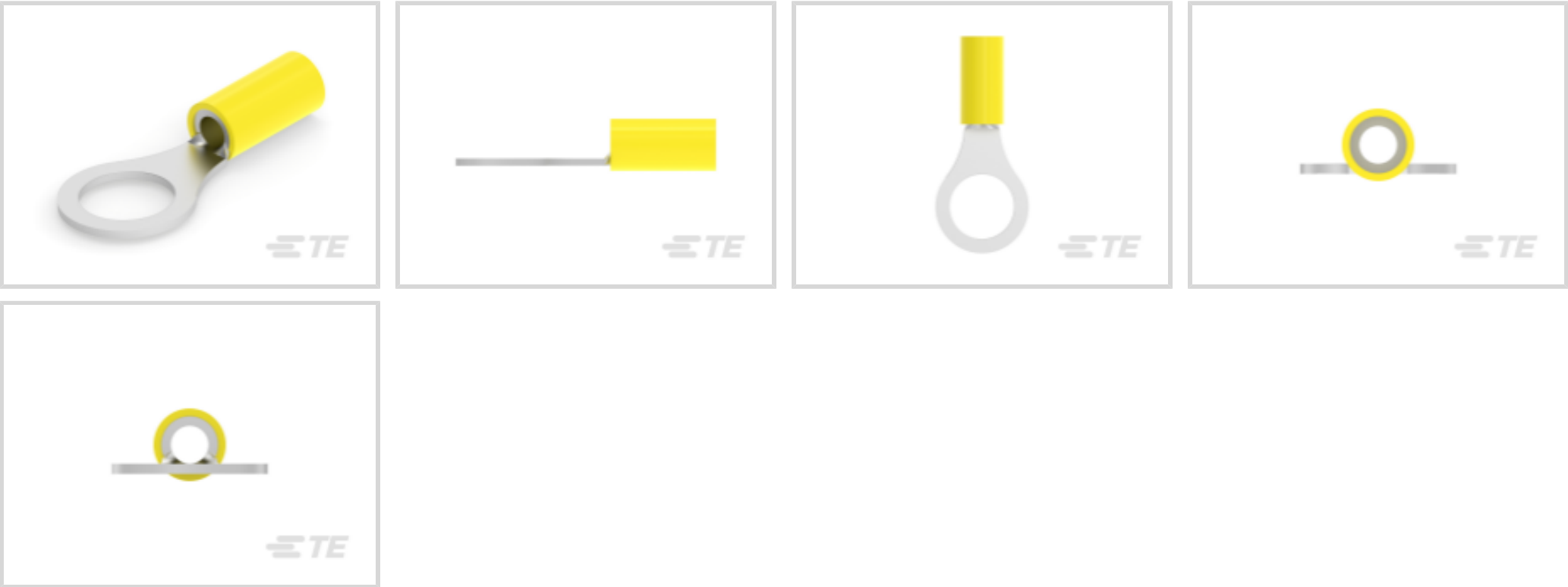
PLASTI-GRIP

TE Internal #: 1-1377173-3

Closed Ring Tongue Terminal, 12 – 10 AWG, M10 Stud, 10.5 mm [.413 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, 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: M10

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | M10 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

| | |
|----------------|------------------|
| Product Weight | .395 g[.0139 oz] |
|----------------|------------------|

Contact Features

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

Mechanical Attachment

| | |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions



| | |
|--------------------------------------|------------------------------|
| Wire Size | 5180 – 13100 CMA |
| Stud Diameter | 10.5 mm[.413 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 36.4 mm[1.43 in] |
| Compatible Insulation Diameter (Max) | 6.35 mm[.25 in] |
| Compatible Insulation Diameter Range | 3.81 – 6.35 mm[.15 – .25 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 | No |
|-------------------------------|----|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 50 |
| 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 160300
PLASTI-GRIP 12-10 RING M10

Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(20)

Ring Terminals(310)

Spade Terminals(158)

Splices(45)

Customers Also Bought

TE Part #166291-1
20DF COSI SOCKET

TE Part #643075-2
02P MTA100 MOLDED COVER

TE Part #163305-2
MATENLOK PIN SDW

TE Part #966067-5
FER,WIRE,PL SLV,.75/18,L8,GREY,LP



TE Part #160298
PIDG RING 12-10 5/16



TE Part #34160
TERMINAL,PG R 16-14 8



TE Part #34136
SPLICE,PG PARA 12-10



TE Part #34134
SPLICE,PG PARA 16-14



TE Part #34132
SPLICE,PG PARA 22-16



TE Part #2-1437012-8
609-007-1=HDW IDC JACKSOCKET A

Documents

Product Drawings

SMP 0-0160300-0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1377173-3_H1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1377173-3_H1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1377173-3_H1.3d_stp.zip

English

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Product Specifications

Application Specification

English