

160294 ✓ ACTIVE

PLASTI-GRIP

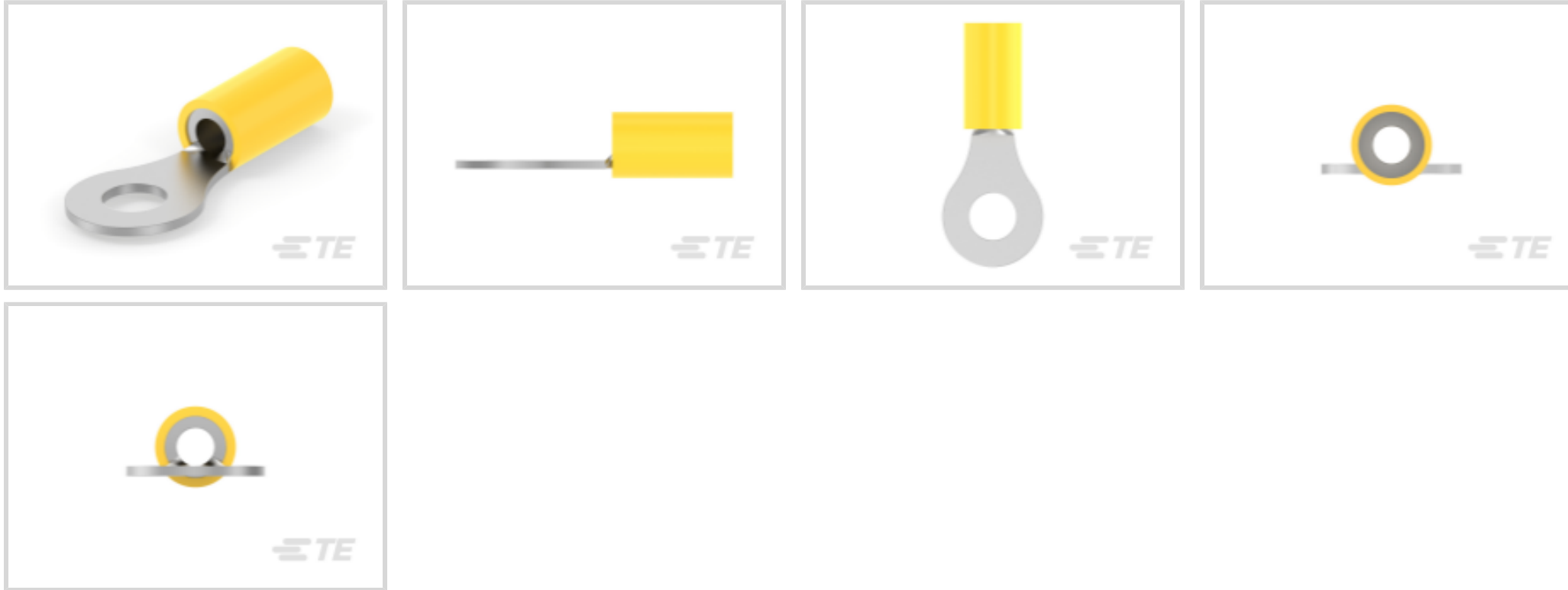
TE Internal #: 160294

Closed Ring Tongue Terminal, 12 – 10 AWG, M6 Stud, 6.35 mm [.25 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: M6

Features

Configuration Features

Number of Holes	1
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Mechanical Attachment

Wire Insulation Support	With
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Electrical Characteristics

Voltage Rating	600 V
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Industry Standards

Government Qualified Terminal	No
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Body Features

Product Weight	2.471 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Type Features

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Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M6
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	6.35 mm [.25 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	34.1 mm [1.34 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
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Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 169400
CERTI-LOK FRAME W/O DIES



TE Part # 1-1377173-1
SMP 0-0160294-0



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



TE Part # 58423-1
DIE, RBY IS9252



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



TE Part # 169404
CERTI-LOK DIE



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



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



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

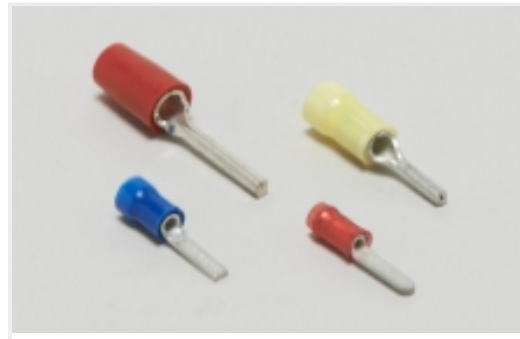


TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY

Also in the Series | **PLASTI-GRIP**



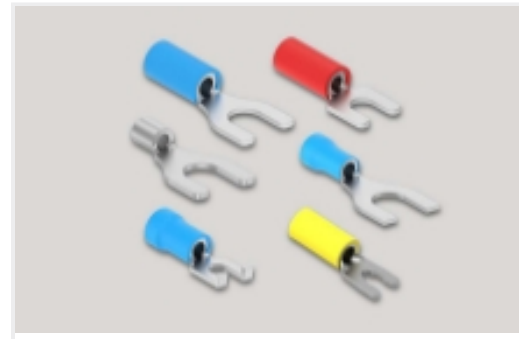
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(159)



Splices(45)

Customers Also Bought



TE Part #5050032012
RNF-100-1/4-8-STK



TE Part #134122-1
TERM, PIDG, R, IR, 14, M5



TE Part #5054132011
RNF-100-1/4-1-STK



TE Part #2119118-1
SDE Commercial Tool & Die



TE Part #130677
PG 12-10 RING M10



TE Part #2119539-1
CCII 2.0MM PITCH HPI CONN 30-24
ASSY



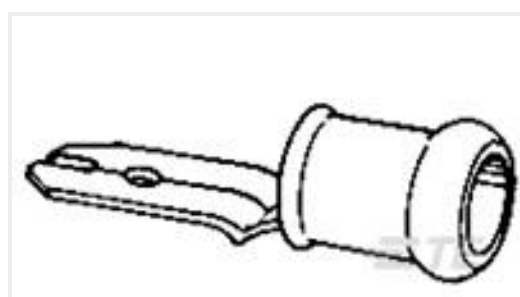
TE Part #710036-3
XCT 35-10



TE Part #1676979-2
TW 1W 100R 6.35X25PL



TE Part #142830-2
TUBING SPIRAP DIA 6 NAT 30
METERS



TE Part #141085-2
TERMINAL TAB FASTON PIDG 6,35

Documents



Product Drawings

PLASTI-GRIP, RING, 12-10 6MM

English

CAD Files

Customer View Model

[ENG_CVM_CVM_160294_L.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_160294_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160294_L.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

Agency Approvals

UL Report

English