

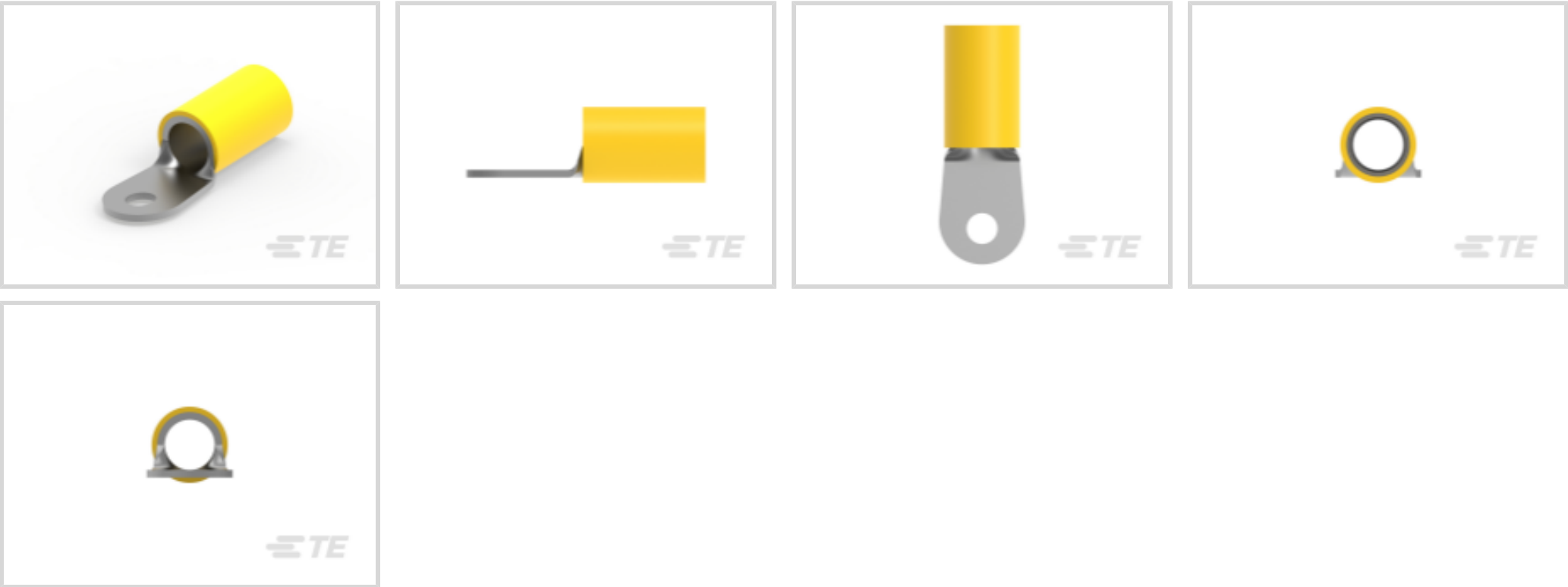


PLASTI-GRIP

TE Internal #: 52046-1
Closed Ring Tongue Terminal, 2/0 AWG, 5/16 / M8 Stud, 7.92 mm [.312 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: 119500 – 150500 CMA

Stud Size: 5/16, M8

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	5/16, M8
Sealable	No

Wire Insulation Support Retention Type	Insulation Support
--	--------------------

Configuration Features

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

Electrical Characteristics

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

Body Features

Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin



Mechanical Attachment

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

Dimensions

Wire Size	119500 – 150500 CMA
Stud Diameter	7.92 mm[.312 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	62.15 mm[2.447 in]
Compatible Insulation Diameter (Max)	19.69 mm[.775 in]
Compatible Insulation Diameter Range	19.69 mm[.775 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 105 °C[0 – 221 °F]

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	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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

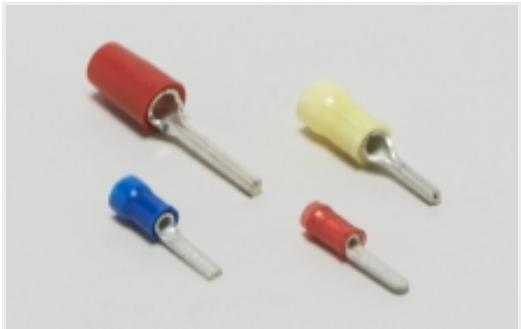


TE Part # 48757-1
HYP8/10 PLASTI-GRIP/10 2/0AWG DIE SET

Also in the Series | PLASTI-GRIP



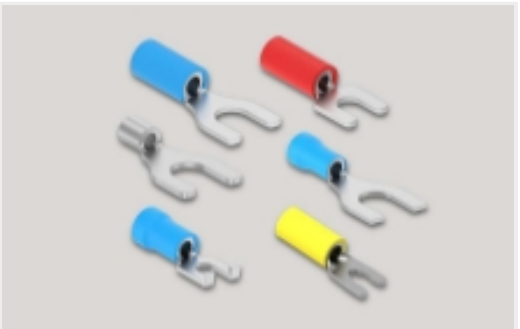
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

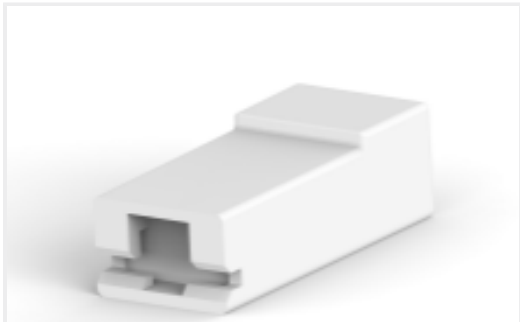
Customers Also Bought



TE Part #52045-1
TERMINAL R PG 1/0 5/16



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



TE Part #480416-1
250 FASTON HSG. REC 1P NATURAL



TE Part #1-480703-0
04P UMNL CAP HSG NATL



TE Part #1-480706-0
09P UMNL PLUG HSG NATL



TE Part #1-480709-0
12P UMNL CAP HSG NATL



TE Part #1-480710-0
15P UMNL PLUG HSG NATL



TE Part #3-643820-2
02P MTA156 CONN ASSY 24AWG LF



TE Part #3-647406-1
SL156 HOODED CONTACT, LID LF



TE Part #5205817-1
KIT SCREWLOCK FEMALE

Documents

Product Drawings
TERMINAL R PG 2/0 5/16

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_52046-1_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_52046-1_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_52046-1_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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

UL Report

English