165035 ✔ ACTIVE

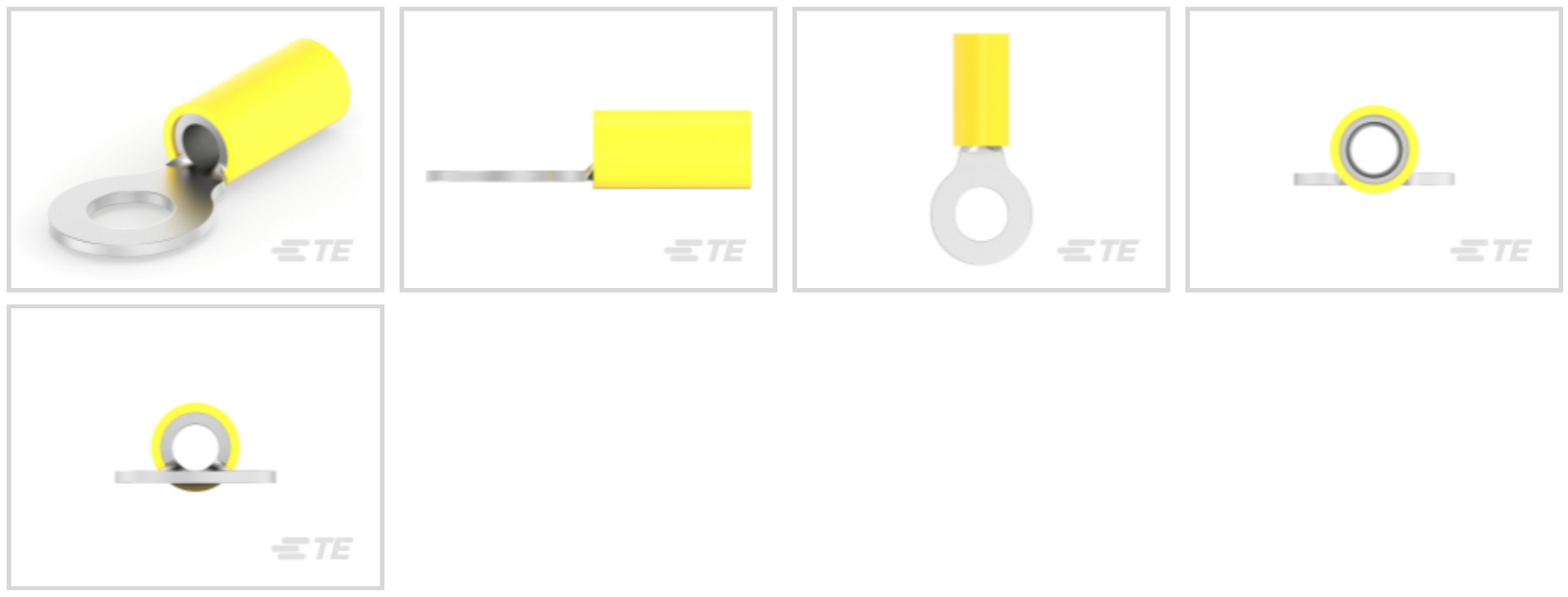
PLASTI-GRIP

TE Internal #: 165035

Closed Ring Tongue Terminal, 12 – 10 AWG, M6 Stud, 6.73 mm [.265 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

Product Type Features

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

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	600 V

Body Features

Product Weight	5.311 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

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	6.73 mm[.265 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	30.07 mm[1.184 in]
Compatible Insulation Diameter (Max)	6.78 mm[.267 in]
Compatible Insulation Diameter Range	6.4 – 6.78 mm[.252 – .267 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	500
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 # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 5-1377175-4
SMP 0-0165035-0



TE Part # 58423-1
DIE, RBY IS9252



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



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



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



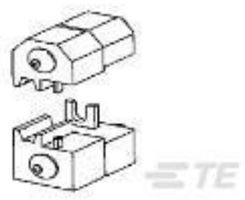
TE Part # 169404
CERTI-LOK DIE



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



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

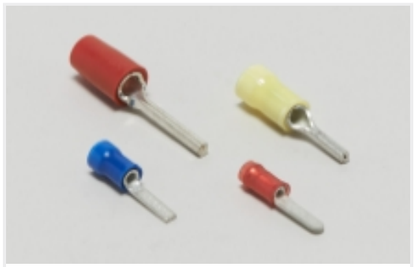


TE Part # 47808-6
DIES PIDG 12-10 DIE SET

Also in the Series | PLASTI-GRIP



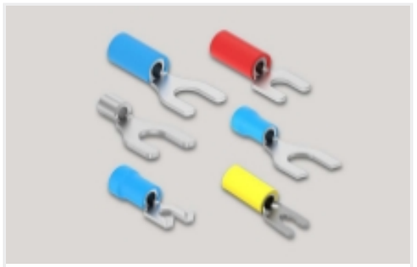
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

Customers Also Bought



TE Part #5-103960-4
4X5 MTE RCPT SR LATCH .100CL



TE Part #130102
TERMINAL PLAS-GRP RNG-TNG 5MM



TE Part #150346-2
110 MINI FASTON,REC.,24-20 AWG, TPBR



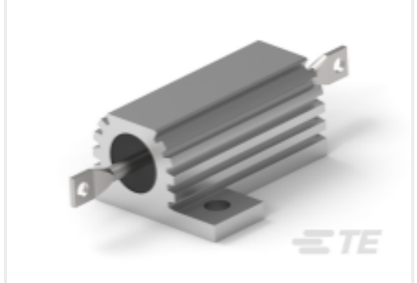
TE Part #350417-5
.093 COMM P&S SOK AU/NI/BR



TE Part #5-794627-4
24P MICRO MNL ASSY,RA,SMT,LF

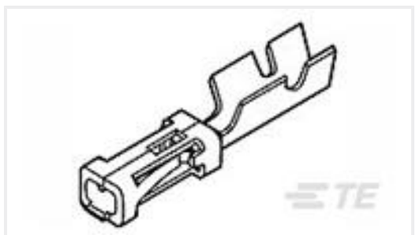


TE Part #1-953893-1
16/8W+4SC MQS REC HSG ASS



TE Part #CAT-C339-T419
Power Resistor: Aluminum Housed, 75 Watt

TE Part #1989599-1
SPECIAL CABLE ASSY



TE Part #1-102316-4
MOD IV RECP LP

Documents

Product Drawings

PLASTI-GRIP, RING, 12-10 1/4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165035_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165035_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165035_M.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_165035_A.3d_igs.zip

English

Customer View Model

ENG_CVM_165035_A.3d_stp.zip

English

Customer View Model

ENG_CVM_165035_A.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English