

170780-1 ✓ ACTIVE

PLASTI-GRIP

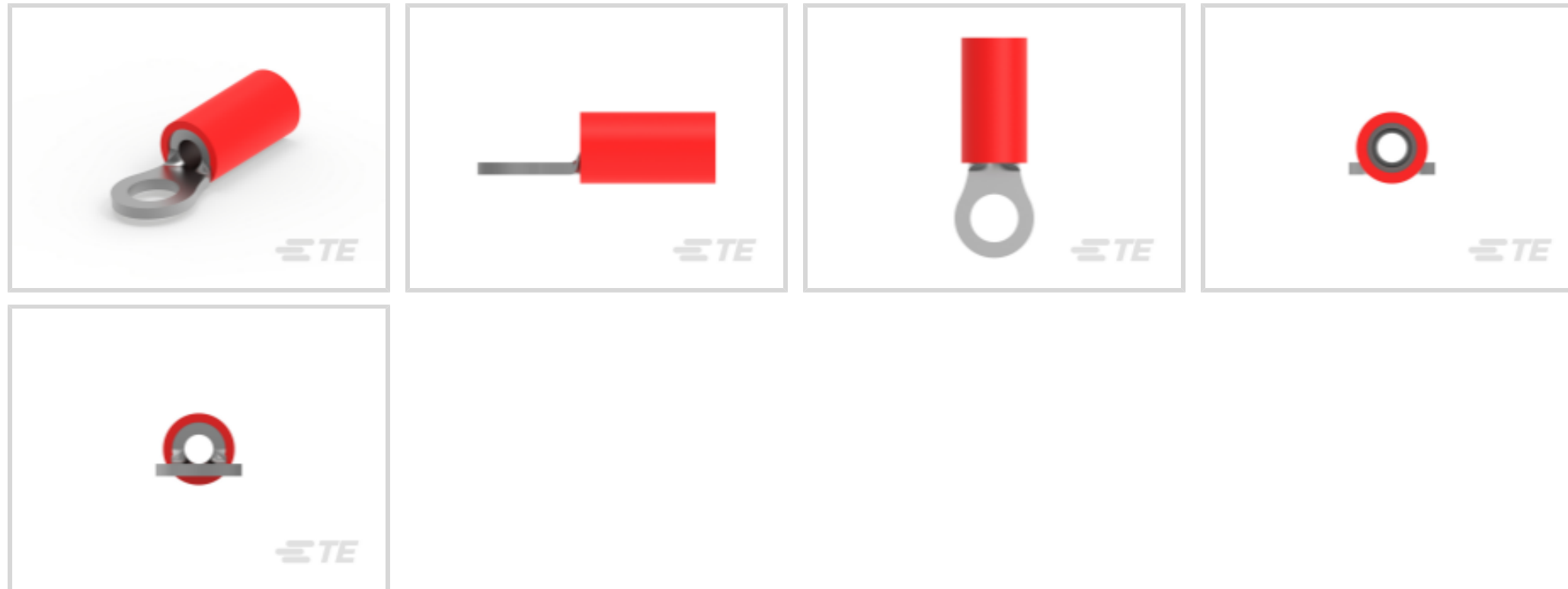
TE Internal #: 170780-1

Closed Ring Tongue Terminal, 22 – 18 AWG, #5 / M3 Stud, 3.3 mm [.13 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: #5, M3

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#5, M3
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	600 V
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Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	3.3 mm [.13 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	16.99 mm [.669 in]
Compatible Insulation Diameter (Max)	3.6 mm [.141 in]
Compatible Insulation Diameter Range	2.7 – 3.6 mm [.106 – .141 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
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Packaging Features

Packaging Quantity	100
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	有害物质含量符合标准要求 No Restricted Substance(s) 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 reviewed 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



REPRESENTATION ONLY

TE Part # 47386
DAHT PG PIDG 26-16 ASSY



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



TE Part # 58423-1
DIE, RBY IS9252




TE Part # 169404
CERTI-LOK DIE



REPRESENTATION ONLY

TE Part # 409775-1
DAHT PG PIDG 22-16 ASSY


Also in the Series | PLASTI-GRIP



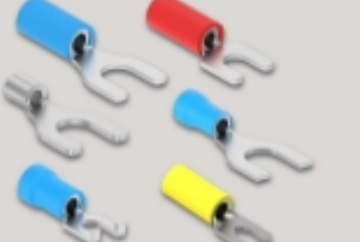
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)

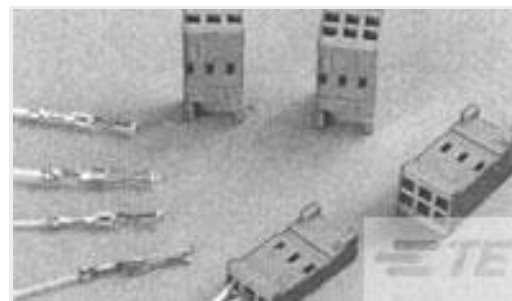
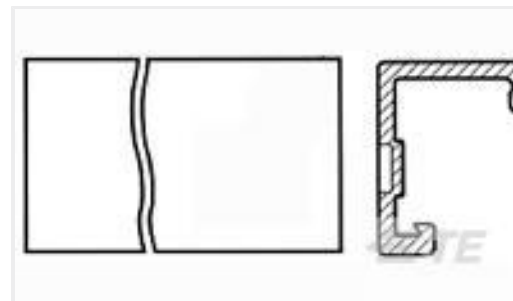
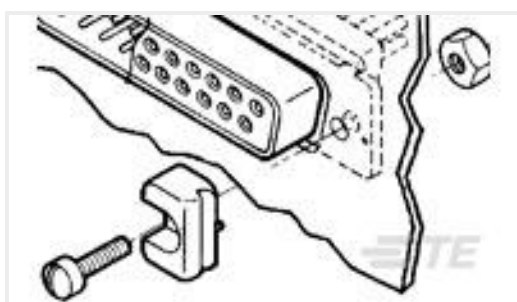
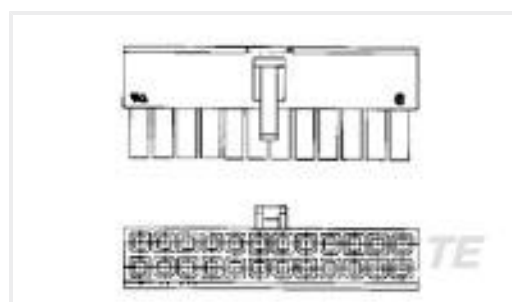
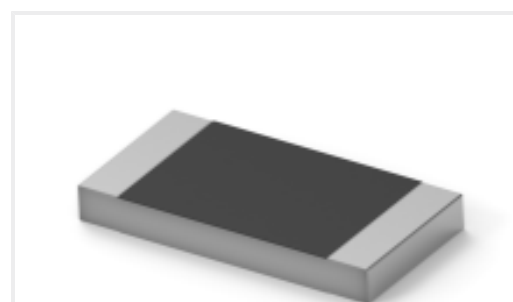


Spade Terminals(158)



Splices(45)

Customers Also Bought

TE Part #32945
PG R 22-16 COMM 22-18 MIL 6TE Part #51863-1
PIDG R 22-16 COMM 22-18 MIL 6TE Part #281839-8
HOUSING HE13 HE14 COSI 2X8 PTE Part #640551-2
02P MTA156 COVERTE Part #745245-2
SPECIAL LATCH BLOCK-2 PER BAGTE Part #8-1393113-6
KUEP-11D15-12=KUTE Part #1586019-6
6P RCPT VAL-U-LOK V0TE Part #CAT-C339-T547A
Metal Chip Resistor: Current SenseTE Part #6609044-2
6VW1=F7255 S0

Documents

Product Drawings

[P.G RING UL.CSA\(22-18\)](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_170780-1_C.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_170780-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170780-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[PLASTI GRIP_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English