

55678-1 ✓ ACTIVE

PLASTI-GRIP

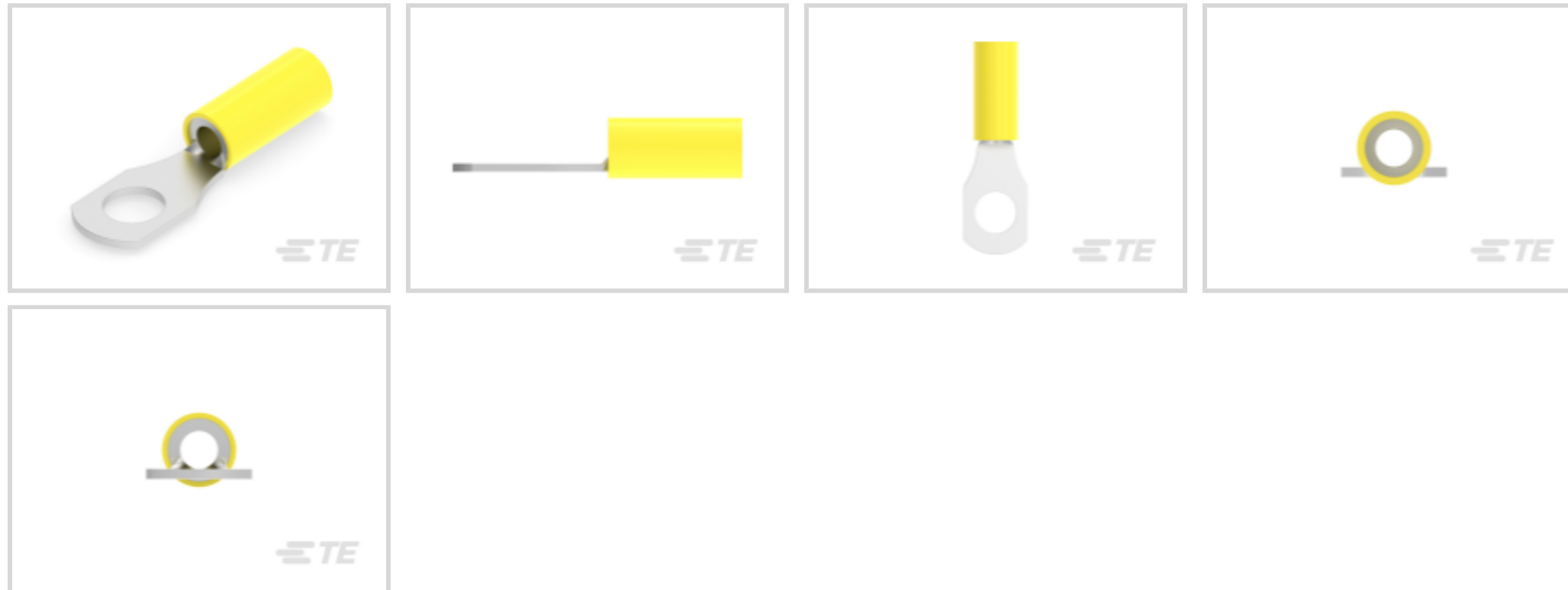
TE Internal #: 55678-1

Closed Ring Tongue Terminal, 12 – 10 AWG, 1/4 / M6 Stud Size, 6.35 mm [.25 in] Stud Diameter, Closed Barrel, Straight, Tin, 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: 1/4, M6

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | 1/4, M6 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

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

Contact Features

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

Mechanical Attachment

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

Dimensions

| | |
|---------------|------------------|
| Wire Size | 5180 – 13100 CMA |
| Stud Diameter | 6.35 mm [.25 in] |



| | |
|--------------------------------------|-----------------------------|
| Tongue Thickness | 1.02 mm[.04 in] |
| Product Length | 34.87 mm[1.373 in] |
| Compatible Insulation Diameter (Max) | 7.62 mm[.3 in] |
| Compatible Insulation Diameter Range | 6.35 – 7.62 mm[.25 – .3 in] |

Usage Conditions

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|-----------------------------|---------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 105 °C[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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 59287-2
HHHT PIDG PG 12-10 ASSY

TE Part # 2392020-2
YELLOW BATTERY HHHT KIT 220V (59287-2)

TE Part # 2392020-1
YELLOW BATTERY HHHT KIT 110V (59287-2)

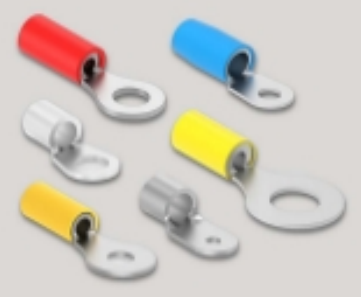
Also in the Series | PLASTI-GRIP



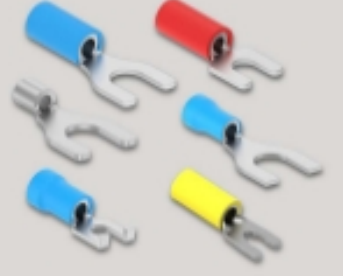
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)



Spade Terminals(198)



Splices(50)

Customers Also Bought



TE Part #120953-4
UPM EXPANDED RCPT ASSEMBLY



TE Part #770083-1
05P .093 COMM P&S RECPT HSG



TE Part #3-1879208-3
CPF 0402 220R 0.1% 25PPM 1K RL



TE Part #1423674-2
W54-XB1A4A10-5=CKTBKR,THERM,PB



TE Part #323989
TERMINAL,PIDG R 24-20 8



TE Part #175778-6
AMP COMMON TERMINATION
HOUSINGS



TE Part #678853-000
CWT-7



TE Part #403289-000
CWT-3



TE Part #9-1462038-8
IM02DGR=IM RELAY 140mW 4.5V

Documents

Product Drawings

[TERM,PG RING 12-10 1/4](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_55678-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_55678-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_55678-1_L.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_55678-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_55678-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_55678-1_F.2d_dxf.zip](#)

English

[3D PDF](#)

English



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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

CSA Certificate

English