

52042-3 ✓ ACTIVE

PLASTI-GRIP

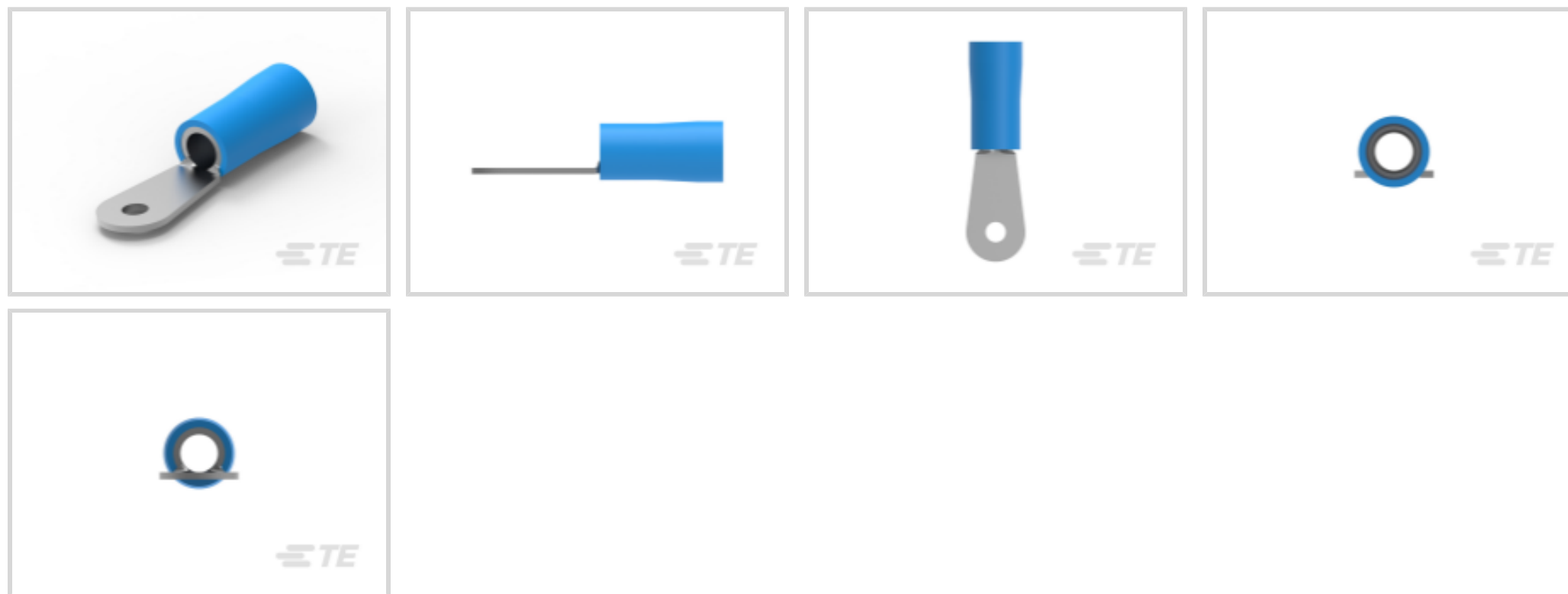
TE Internal #: 52042-3

Closed Ring Tongue Terminal, 6 AWG, 1/4 / M6 Stud Size, 6.73 mm [.265 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: 20800 – 33100 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

#### 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	Blue
Stripe Color	Blue

#### Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	20800 – 33100 CMA
Stud Diameter	6.73 mm [.265 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	47.47 mm [1.869 in]
Compatible Insulation Diameter (Max)	9.14 mm [.36 in]
Compatible Insulation Diameter Range	9.14 mm [.36 in]

### Usage Conditions

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
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### Packaging Features

Packaging Quantity	100
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 # 52042  
TERMINAL,R PG 6 8

TE Part # 47821  
HYP8 TERMINYL 6AWG DIE SET

TE Part # 1490535-1  
HYP10 PLASTI-GRIP 6AWG DIE SET

TE Part # 1490598-1  
HYP10 TERMINYL 6AWG DIE SET

TE Part # 1901007-1  
ASSEMBLY, TERMINYL DIE #6

TE Part # 48753-1  
HYP8 PLASTI-GRIP 6AWG 69051 DIE SET

TE Part # 48859-1  
HYP8/10 PLASTI-GRIP/10 6AWG DIE SET

TE Part # 601129-2  
HAND TOOL (A.S.I.)

### Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(25)

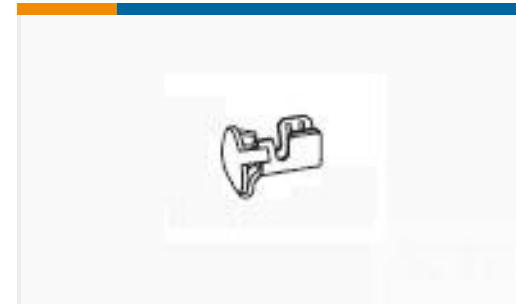
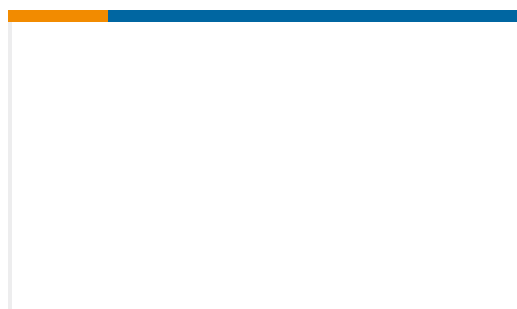
Ring Terminals(333)

Spade Terminals(198)



Splices(50)

## Customers Also Bought

TE Part #4-1418479-1  
8POS,AMP MCP1.5K,REC. HSGTE Part #60249-2  
FF 250 REC 16-12AWG TPBRTE Part #454100-000  
D-406-0002TE Part #61280-2  
BUTTON CONTACT 20-16 AWG BRTE Part #52042-4  
TERMINAL,R PG 6 10TE Part #2-320563-3  
TERMINAL,PIDG R IR 16 1/4TE Part #NB11022001  
ATUM-4/1-0-STKTE Part #1617119-7  
J1MAW-26XM = M39016/7-023MTE Part #696423-7  
TERMINAL,PIDG PVF2 R 16-14 1/4TE Part #CB3126-000  
D-1744-02-LF

## Documents

### Product Drawings

[TERMINAL,R PG 6 1/4](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_52042-3\\_AD.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52042-3\\_AD.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_52042-3\\_AD.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English

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**Product Environmental Compliance**

[MD\\_52042-3\\_05092017611\\_dmtec](#)

English

[MD\\_52042-3\\_05092017611\\_dmtec](#)

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

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**Agency Approvals**

**UL Report**

English

**UL Report**

English