



**THE DATASHEET OF**  
**130102**



130102 ✓ ACTIVE

PLASTI-GRIP

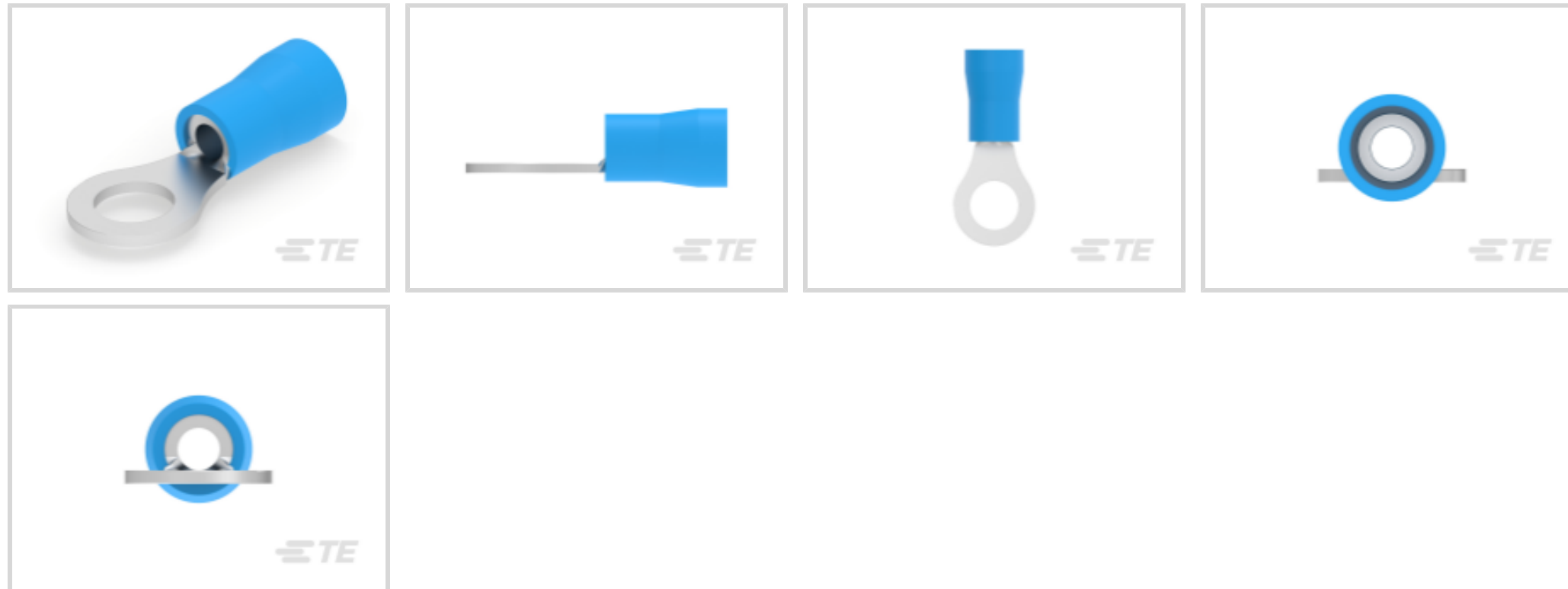
TE Internal #: 130102

Closed Ring Tongue Terminal, 16 – 14 AWG, M5 Stud Size, 5.2 mm [.205 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PLASTI-GRIP

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: M5

### Features

#### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Electrical Characteristics

Voltage Rating	600 V
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#### 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	2050 – 5180 CMA
Stud Diameter	5.2 mm [.205 in]



Tongue Thickness	.79 mm[.031 in]
Product Length	22.3 mm[.88 in]
Compatible Insulation Diameter (Max)	4.9 mm[.193 in]
Compatible Insulation Diameter Range	3 – 4.9 mm[.118 – .193 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	90 °C[194 °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	1000
Packaging Method	Bag

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

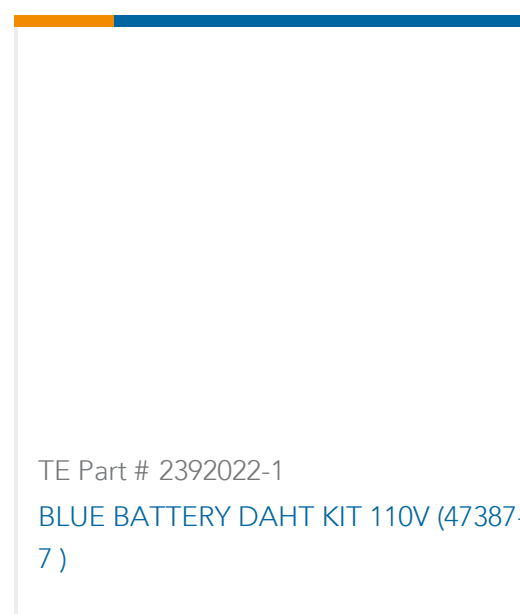
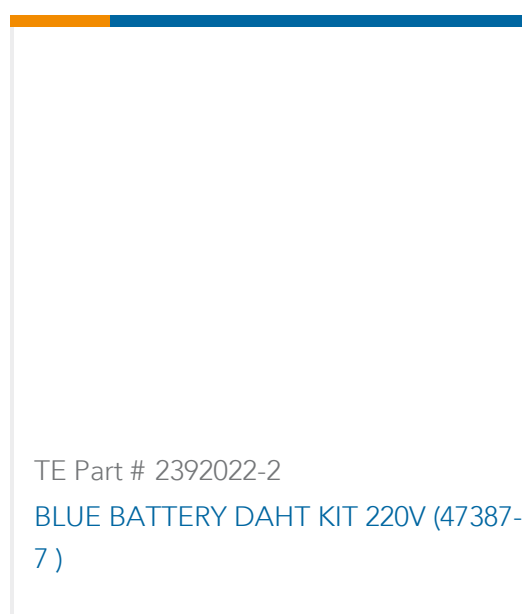
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



Also in the Series | **PLASTI-GRIP**



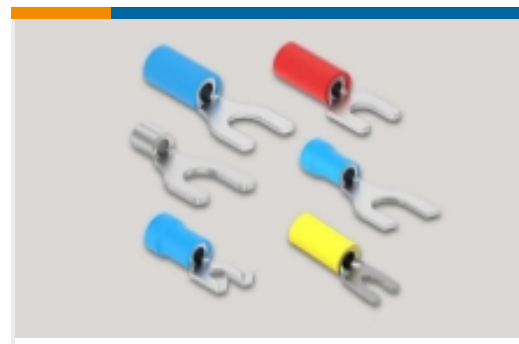
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)

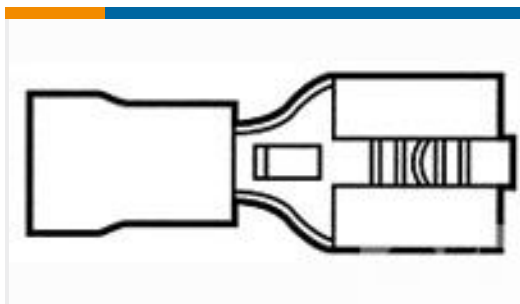


Spade Terminals(159)



Splices(45)

### Customers Also Bought



TE Part #160314-2  
250 FASTON



TE Part #34149  
PG R 22-16 COMM 22-18 MIL 10



TE Part #1445048-2  
PANEL MT SNGLR ROW HSG 2 POS



TE Part #34150  
PG R 22-16 COMM 22-18 MIL 1/4



TE Part #1-794220-0  
MINI UMNL2 PIN 22-18 AWG AU



TE Part #2371884-5  
23POS,AMPSEAL,SOC HSG ASSY,SLD,  
COD 5

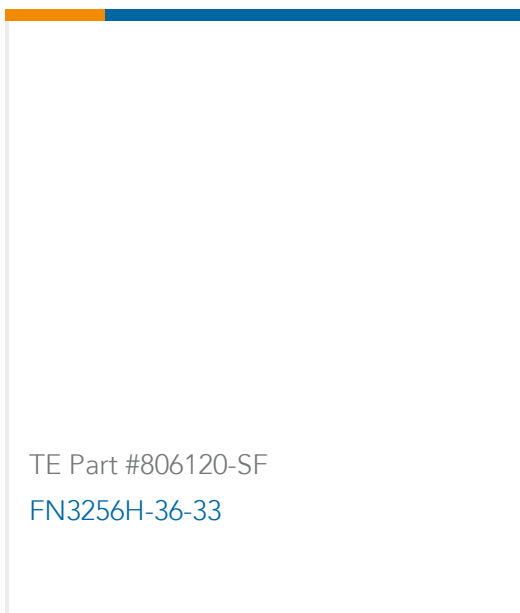


TE Part #1-1803019-1  
CRIMPER, INSULATION O



**CRIMPER** REPRESENTATION ONLY

TE Part #8-1633860-6  
CRIMPER, WIRE F



TE Part #806120-SF  
FN3256H-36-33

### Documents



## Product Drawings

### TERMINAL PLAS-GRP RNG-TNG 5MM

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130102\\_R.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130102\\_R.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_130102\\_R.3d\\_stp.zip](#)

English

### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_130102\\_D1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_130102\\_D1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_130102\\_D1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Product Specifications

### Application Specification

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English

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## Agency Approvals

### UL Report

English

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[TE Connectivity Information](#)

### Optimize Your Supply Chain with WIN SOURCE Solutions

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management