



**PLASTI-GRIP**

TE Internal #: 8-34072-1

Splices, Butt Splice, 12 – 10 AWG Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, Serrated, 5180 – 13100 CMA Wire Size, Copper, Yellow, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Splices



Wire Size: 3 – 6 mm<sup>2</sup>

Sealable: No

Splice Features: **Serrated**

Compatible Insulation Diameter Range: 5.84 mm [ .23 in ]

**Features**

**Product Type Features**

|  |                    |
|--|--------------------|
| Splice Accessory Type                  | Splice             |
| Sealable                               | No                 |
| Splice Type                            | Butt Splice        |
| Compatible With Discrete Wire Type     | Solid, Stranded    |
| Wire Insulation Support Retention Type | Insulation Support |

**Configuration Features**

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

**Electrical Characteristics**

|                   |       |
|-------------------|-------|
| Operating Voltage | 600 V |
|-------------------|-------|

**Body Features**

|                       |          |
|-----------------------|----------|
| Product Weight        | 2.799 g  |
| Insulation Material   | Vinyl    |
| Splice Features       | Serrated |
| Primary Product Color | Yellow   |



### Contact Features

|                           |        |
|---------------------------|--------|
| Terminal Plating Material | Tin    |
| Contact Base Material     | Copper |
| Barrel Type               | Closed |

### Mechanical Attachment

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

### Dimensions

|                                      |                   |
|--------------------------------------|-------------------|
| Wire Size                            | 5180 – 13100 CMA  |
| Compatible Insulation Diameter Range | 5.84 mm[.23 in]   |
| Product Length                       | 29.46 mm[1.16 in] |

### Usage Conditions

|                             |                 |
|-----------------------------|-----------------|
| Insulation Option           | Fully Insulated |
| Operating Temperature Range | 90 °C[221 °F]   |

### Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

### Industry Standards

|                             |    |
|-----------------------------|----|
| Government Qualified Splice | No |
|-----------------------------|----|

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 100         |
| Packaging Method   | Loose Piece |

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



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



TE Part # 58423-1  
DIE, RBY IS9252



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




TE Part # 1SET191002R0000  
TET CRIMP-HT



TE Part # 169404  
CERTI-LOK DIE


### Also in the Series | PLASTI-GRIP



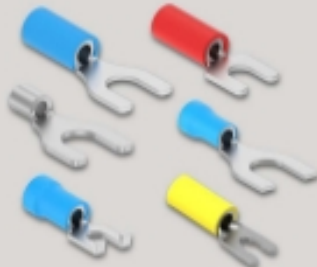
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)

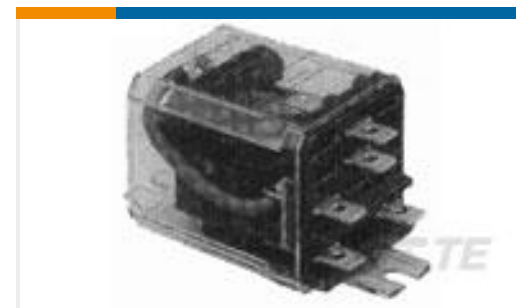


Spade Terminals(198)



Splices(50)

## Customers Also Bought

TE Part #1609133-2  
6ESRFC3=F6987TE Part #1-6609032-8  
20VR1=F7210 S0TE Part #6-1393114-9  
KUHP-11A51-120=KUTE Part #7-1393114-1  
KUHP-11A51-240=KUTE Part #329656  
SPLICE,TERMI-FOIL DBL FACETE Part #323672  
SPLICE,SOLIS PARA HT 12-10TE Part #322347  
SPLICE,SOLIS PARA HT 16-14TE Part #34120  
TERMINAL,SOLIS R 16-14 6TE Part #6-103639-9  
20 MTE HDR SRST LATCH .100CLTE Part #7-1393114-8  
KUHP-11D51-24=KU

## Documents

### Product Drawings

[SPLICE,PG BUTT 12-10](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_8-34072-1\\_M.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-34072-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-34072-1\\_M.3d\\_stp.zip](#)

English

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

---

### Product Specifications

[Application Specification](#)

English

---

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English