TE Internal #: 1811027-1

Splices, Tap Splice, 12 AWG Wire Size, Splice Capacity 3, Strain Relief, Copper Alloy, Brown, Length .965 in [24.5 mm], Loose Piece

View on TE.com >



Terminals & Splices > Splices











Wire Size: 12 AWG

Sealable: No

Splice Capacity: 3

Splice Features: Strain Relief

Compatible Insulation Diameter Range: 3.8 mm

#### **Features**

#### **Product Type Features**

Sealable	No
Splice Type	Tap Splice
Compatible With Discrete Wire Type	Solid, Stranded

#### **Configuration Features**

Splice Capacity	3
Compatible With Wire & Cable Type	Discrete Wire

#### **Electrical Characteristics**

Operating Voltage 600 VAC	Operating Voltage	600 VAC
---------------------------	-------------------	---------

### **Body Features**

Splice Features	Strain Relief
Primary Product Color	Brown

#### **Contact Features**

Terminal Plating Thickness	9 μm[354.33 μin]
Terminal Plating Material	Bright Tin
Contact Base Material	Copper Alloy



Mechanical Attachment	
Wire Insulation Support	Without

## **Housing Features**

Housing Material	Polypropylene

#### **Dimensions**

Wire Size	12 AWG
Compatible Insulation Diameter Range	3.8 mm
Product Lenath	24.5 mm[.965 in]

## **Usage Conditions**

Insulation Option	Fully Insulated
Operating Temperature Range	-55 – 105 °C

## Operation/Application

## **Industry Standards**

Agency/Standard	CSA, UL
Approved Standards	CSA C22.2 No. 188, UL 486C
UL Flammability Rating	UL 94V-0
Government Qualified Splice	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**



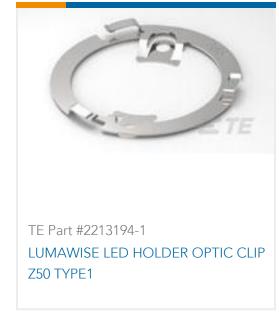


# **Customers Also Bought**





















#### **Documents**

**Product Drawings** 

**ASSEMBLY,12AWG TAP** 

English

**CAD Files** 

3D PDF

English

**Customer View Model** 

ENG\_CVM\_1811027-1\_A1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_1811027-1\_A1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_1811027-1\_A1.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1811027-1\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1811027-1\_B.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1811027-1\_B.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Poke-in Wire tap IDC Splice flyer

Poke-in Wire tap IDC Splice flyer

English

**Product Specifications** 

Splices, Tap Splice, 12 AWG Wire Size, Splice Capacity 3, Strain Relief, Copper Alloy, Brown, Length .965 in [24.5 mm], Loose Piece



**Application Specification** 

English

**Instruction Sheets** 

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English