



TE Internal #: 1811027-2

Splices, Tap Splice, 18 AWG Wire Size, Strain Relief, Copper Alloy, Blue, Length .965 in [24.5 mm], Loose Piece, Stranded / Solid Wire, Copper Wire

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Terminals & Splices > Splices



Wire Size: 18 AWG

Sealable: No

Splice Features: **Strain Relief**

Compatible Insulation Diameter Range: 2.3 mm

Contact Base Material: **Copper Alloy**

## Features

### Product Type Features

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

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	600 VAC
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### Body Features

Splice Features	Strain Relief
Primary Product Color	Blue

### 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
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### Housing Features

Housing Material	Thermoplastic
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### Dimensions

Wire Size	18 AWG
Compatible Insulation Diameter Range	2.3 mm
Product Length	24.5 mm [.965 in]

### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	CSA, UL
Approved Standards	CSA C22.2 No. 189, 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



TE Part # 8-2834006-2  
2P MRPK CONN\_BK/WE



TE Part # 2324697-2  
PUSH GRIP CONNECTOR 2P

### Customers Also Bought



TE Part #2213254-2  
LUMAWISE LED HOLDER Z50 STD PROFILE 1919



TE Part #1375820-6  
CST-100 II HOUSING 6 POS



TE Part #T4042014041-000  
M8.MLE.PNLFRONT.4POS.STR.PCB



TE Part #2213194-1  
LUMAWISE LED HOLDER OPTIC CLIP Z50 TYPE1



TE Part #2-520194-2  
ULTRAFast 187 ASSY REC 22-18 TPBR LP



TE Part #171404-1  
ELECTRO TAP 14-16



TE Part #177766-2  
ELECTRO TAP ASSY, 24 - 22



TE Part #1393249-5  
W58-XB1A4A-1=W58



## Documents

### Product Drawings

#### ASSEMBLY,18AWG TAP

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1811027-2\\_A1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1811027-2\\_A1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1811027-2\\_A1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1811027-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1811027-2\\_B.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1811027-2\\_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



### Application Specification

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English

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### Agency Approvals

#### Agency Approval Document

English