



TE Internal #: 1811027-2
Tap Splice, 18 AWG, Strain Relief, Copper Alloy, Blue, 24.5 mm [.965 in] Length, Loose Piece, Solid / Stranded Wire, Copper Wire, Discrete Wire
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Terminals & Splices > Splices



Splice Type: **Tap Splice**
Wire Size: **18 AWG**
Sealable: **No**
Splice Features: **Strain Relief**
Compatible Insulation Diameter Range: **2.3 mm**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Body Features

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|-----------------------|---------------|
| Splice Features | Strain Relief |
| Primary Product Color | Blue |

Contact Features

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|----------------------------|------------------|
| 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

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|------------------|---------------|
| Housing Material | Thermoplastic |
|------------------|---------------|

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[-67 – 221 °F] |

Operation/Application

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

Industry Standards

| | |
|---|----------------------------|
| Compatible With Agency/Standards Products | CSA, UL |
| UL Flammability Rating | UL 94V-0 |
| Compatible With Approved Standards Products | CSA C22.2 No. 189, UL 486C |
| 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: JAN 2025 (247) 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 # 2324697-2
PUSH GRIP CONNECTOR 2P



TE Part # 8-2834006-2
2P MRPK CONN_BK/WE

Customers Also Bought



TE Part #171404-1
ELECTRO TAP 14-16



TE Part #100570-2
250 FASTON,REC.,14-17AWG,TPBR



TE Part #1565083-1
GRACE INERTIA CONNECTOR 3.5 4P



TE Part #2-34155-1
PG SPD 22-16 COMM 22-18 MIL 8



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



TE Part #2-32958-1
TERMINAL,PG R 16-14 6



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



TE Part #52955-3
TERMINAL,PG SPR SPD 16-14 6



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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English