

1811027-2 ✓ ACTIVE

TE Internal #: 1811027-2

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

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Terminals & Splices > Splices



Wire Size: 18 AWG

Sealable: No

Splice Features: Strain Relief

Accepts Wire Insulation Diameter Range: 2.3 mm

Primary Product Material: Copper Alloy

Features

Product Type Features

Sealable	No
Splice Type	Tap Splice
Serrated	No
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, 600 VDC
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Body Features

Strain Relief Type	Terminating Covers
Plating Material	Tin
Splice Features	Strain Relief
Primary Product Material	Copper Alloy
Primary Product Color	Blue



Contact Features

Contact Plating Material	Bright Tin
Contact Plating Thickness	9 µm[354.33 µin]

Termination Features

Tool-less Wire Termination	Yes
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Mechanical Attachment

Wire Insulation Support	Without
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Housing Features

Housing Material	Thermoplastic
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Dimensions

Profile Height	12 mm[.472 in]
Wire Size	18 AWG
Accepts Wire Insulation Diameter Range	2.3 mm
Overall Product Length	24.5 mm[.965 in]

Usage Conditions

UV Exposure Rated	No
Insulation Option	Fully Insulated
Operating Temperature Range	-55 – 105 °C

Operation/Application

Heavy Duty	No
Compatible With Wire Base Material	Copper

Industry Standards

Agency/Standard	CSA, UL
UL Flammability Rating	UL 94V-0
Agency/Standard Number	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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



TE Part # 2-2834245-1
2P, FLEX GRIP WIRE CONNECTOR

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](#)

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Customer View Model

[ENG_CVM_CVM_1811027-2_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

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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