



TE Internal #: 1811027-2
Tap Splice, 18 AWG Wire Size, Strain Relief, Copper Alloy, Blue,
Length 24.5 mm [.965 in], Loose Piece, Solid / Stranded Wire,
Copper Wire, Splices
[View on TE.com >](#)

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
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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

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	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 2024 (241) 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

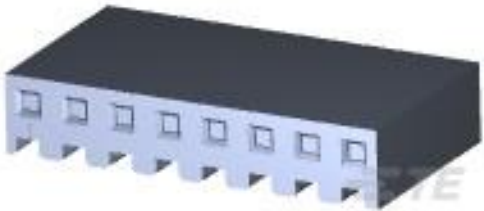


TE Part # 8-2834006-2
2P MRPK CONN_BK/WE

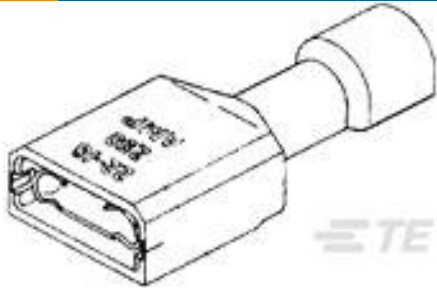


TE Part # 2324697-2
PUSH GRIP CONNECTOR 2P

Customers Also Bought



TE Part #640251-8
08P SL156 HSG W/O LCK RAMP



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



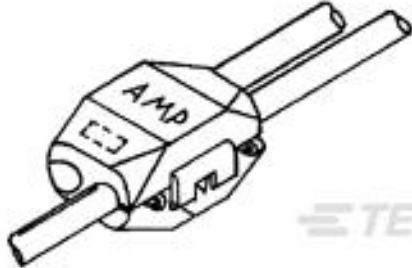
TE Part #2-34113-2
SOLIS R 22-16COMM 22-18MIL 1/4



TE Part #172336-1
2P MINI UMNPL PLUG HOUSING



TE Part #172343-1
MINI UNIVERSAL M-N-L HOUSING



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



TE Part #60295-2
FF 250 REC 22-18AWG TPBR



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



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