

171425-1 ✓ ACTIVE

## ELECTRO-TAP

TE Internal #: 171425-1

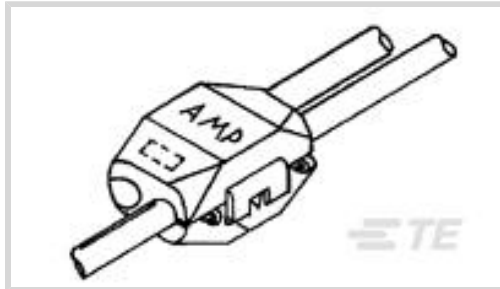
Splices, Tap Splice, 20 – 18 AWG Wire Size, .5 – .9 mm<sup>2</sup> Wire Size, 642 – 1624 CMA Wire Size, Brass, Red, Length .472 in [12 mm], Bag,

ELECTRO-TAP

[View on TE.com >](#)



Terminals & Splices > Splices



Splice Type: Tap Splice

Wire Size: .5 – .9 mm<sup>2</sup>

Sealable: No

Compatible Insulation Diameter Range: 4 mm [ .157 in ]

### Features

#### Product Type Features

Splice Accessory Type	Splice
Splice Type	Tap Splice
Sealable	No
Compatible With Discrete Wire Type	Solid, Stranded
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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#### Body Features

Product Weight	4.202 g
Primary Product Color	Red

#### Contact Features

Terminal Plating Material	Tin
Contact Base Material	Brass

#### Mechanical Attachment

Wire Insulation Support	With
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#### Housing Features

Housing Material	Nylon - GF
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#### Dimensions



Tap Wire Size	.5 – .85 mm <sup>2</sup>
Wire Size	642 – 1624 CMA
Compatible Insulation Diameter Range	4 mm [.157 in]
Product Length	12 mm [.472 in]

### Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	105 °C [221 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

### 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 171404-1  
ELECTRO TAP 14-16

## Also in the Series | ELECTRO-TAP



Splices(13)

## Customers Also Bought



TE Part #1318382-1  
Signal Header



TE Part #1-1318751-2  
High Pin Count Header



TE Part #1-2299987-2  
65W SEAL PLUG,CONN KIT



TE Part #1801938-1  
2POS,PIN DIA 1.0,HEADER HSG,  
RETAINER,W



TE Part #1801938-3  
2POS,PIN DIA 1.0,HEADER HSG,  
RETAINER,Y



TE Part #1612052-5  
025 LOW PROFILE 40POS CAP ASSY  
H TIN

## Documents

[Product Drawings](#)  
[ELECTRO-TAP SPLICE](#)

Japanese



### CAD Files

#### Customer View Model

[ENG\\_CVM\\_171425-1\\_C1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_171425-1\\_C1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_171425-1\\_C1.2d\\_dxf.zip](#)

English

### 3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### ELECTRO-TAP CABLE CONNECTOR/SPLICE

English

### Product Specifications

#### Product Specification

English

#### AMP ELECTRO-TAP\* Splice

English

#### Product Specification

English

#### no title

English

### Instruction Sheets

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

English

#### AMP ELECTRO-TAP\* Splice

English

### Agency Approvals

#### Agency Approval Document

English