

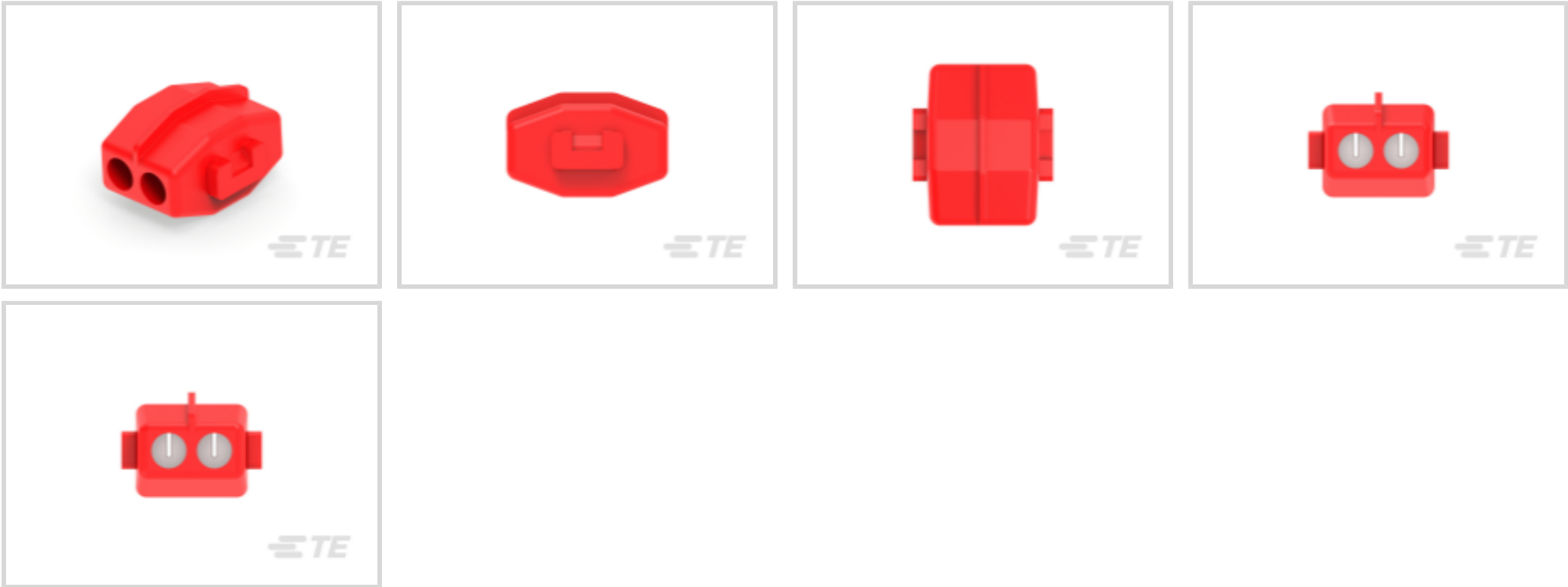


ELECTRO-TAP

TE Internal #: 53440-2  
Tap Splice, 20 – 18 AWG, .5 – .9 mm² Wire, 642 – 1624 CMA, Brass,  
Red, 12.29 mm [.484 in] Length, Carton, Solid / Stranded Wire,  
ELECTRO-TAP

[View on TE.com >](#)

Terminals & Splices > Splices



Splice Type: **Tap Splice**  
Wire Size: **.5 – .9 mm²**  
Sealable: **No**  
Compatible Insulation Diameter Range: **4 mm [.157 in]**

Features

Product Type Features

|  |                    |
|--|--------------------|
| Splice Accessory Type                  | Tap Cover          |
| 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 |
|-----------------------------------|---------------|

Body Features

|                       |        |
|-----------------------|--------|
| Product Weight        | 1.89 g |
| Primary Product Color | Red    |

Contact Features

|                           |       |
|---------------------------|-------|
| Terminal Plating Material | Tin   |
| Contact Base Material     | Brass |

Housing Features

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



|                  |           |
|------------------|-----------|
| Housing Material | Nylon 6/6 |
|------------------|-----------|

Dimensions

|                                      |                   |
|--------------------------------------|-------------------|
| Tap Wire Size                        | .5 – .8 mm²       |
| Wire Size                            | 642 – 1624 CMA    |
| Compatible Insulation Diameter Range | 4 mm[.157 in]     |
| Product Length                       | 12.29 mm[.484 in] |

Usage Conditions

|                   |                 |
|-------------------|-----------------|
| Insulation Option | Fully Insulated |
|-------------------|-----------------|

Industry Standards

|                             |    |
|-----------------------------|----|
| Government Qualified Splice | No |
|-----------------------------|----|

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 1000   |
| Packaging Method   | Carton |

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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



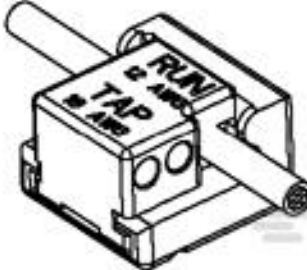
TE Part # 53440-1  
ELECTRO-TAP, 18-14 AWG RUN&TAP

Also in the Series | ELECTRO-TAP



Splices(12)

Customers Also Bought



TE Part #1811027-1  
ASSEMBLY,12AWG TAP



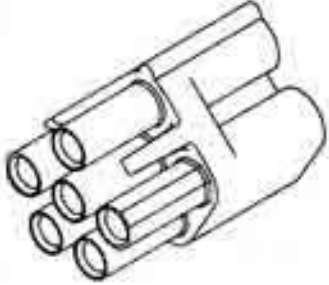
TE Part #3-640604-8  
08P MTA156 CONN ASSY 18AWG LF



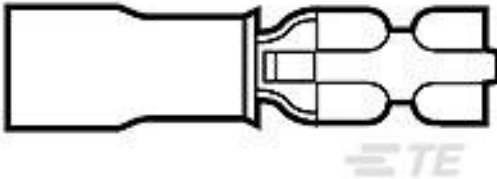
TE Part #2-33457-2  
TERMINAL,SOLIS R 12-10 10



TE Part #328527  
TERMINAL,PG R 16-14 8



TE Part #794911-1  
6 POS UMNL CIR PLUG HSG



TE Part #640921-2  
RECEPT,PIDG FASTON 22-18 110



TE Part #2-323144-1  
TERMINAL,SOLIS SPD FLG 12-10



TE Part #626437-4  
ELCETRO TAP ASSY



Documents

Product Drawings

ELECTRO-TAP, 20-18 AWG RUN&TAP

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_53440-2\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_53440-2\_M.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53440-2\_M.2d\_dxf.zip

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English