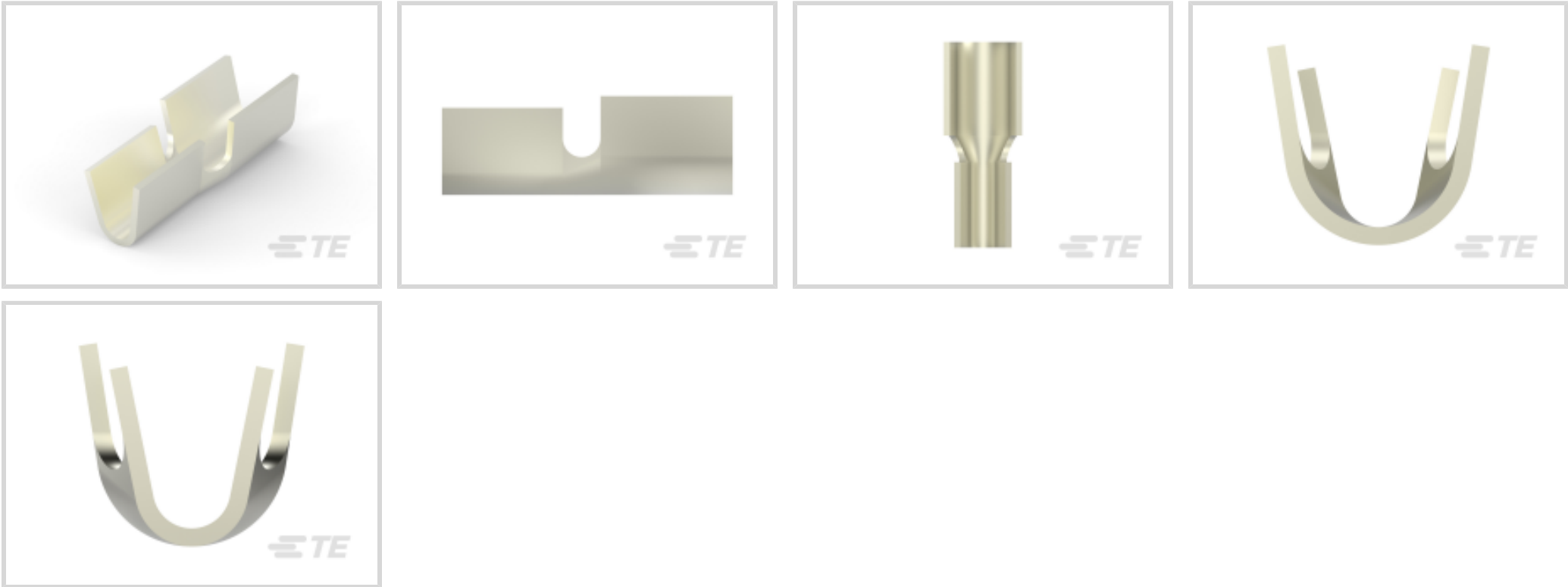




SPLICE

TE Internal #: 61021-1  
Pigtail Splice / Thru Splice, 18 – 16 AWG Wire Size, .823 – 1 mm<sup>2</sup>  
Wire Size, Serrated, 975 – 2700 CMA Wire Size, Steel, 4 Serration,  
SPLICE, Splices  
[View on TE.com >](#)

Terminals & Splices > Splices



Splice Type: **Pigtail Splice, Thru Splice**  
Wire Size: **.823 – 1 mm<sup>2</sup>**  
Sealable: **No**  
Splice Features: **Serrated**

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Splice Type                            | Pigtail Splice, Thru Splice |
| Sealable                               | No                          |
| Compatible With Discrete Wire Type     | Solid, Stranded             |
| Wire Insulation Support Retention Type | Non-Insulation Support      |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Number of Serrations              | 4             |
| Compatible With Wire & Cable Type | Discrete Wire |

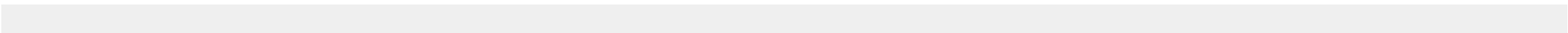
Body Features

|                 |          |
|-----------------|----------|
| Product Weight  | .147 g   |
| Splice Features | Serrated |

Contact Features

|                       |       |
|-----------------------|-------|
| Contact Base Material | Steel |
| Barrel Type           | Open  |

Mechanical Attachment





|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Wire Size                   | 975 – 2700 CMA   |
| Terminal Material Thickness | .3 mm[.012 in]   |
| Product Length              | 9.52 mm[.375 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 250 °C[-40 – 482 °F] |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| Packaging Method   | Reel |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<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                                                                                    |

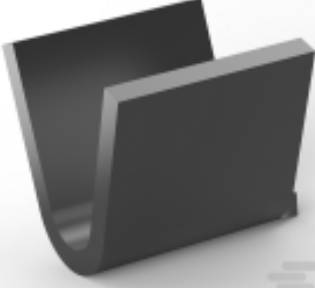
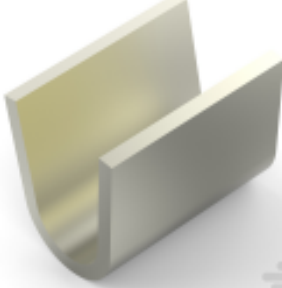
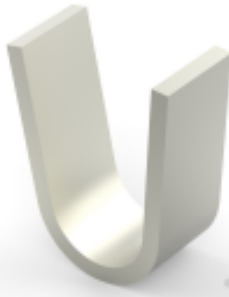
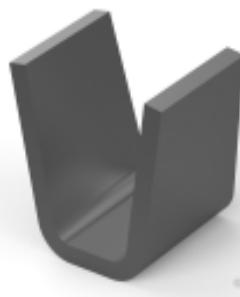
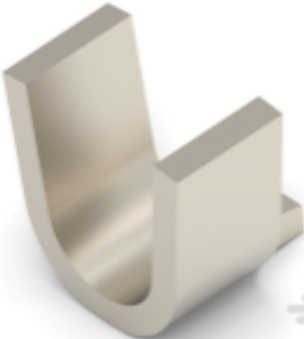
Product Compliance Disclaimer

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

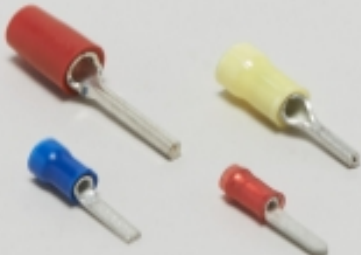


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

|                                                                                                                                         |                                                                                                                                         |                                                                                                                                               |                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 61299-1<br>SPLICE 7000-12500 .031 TPST   | <br>TE Part # 485043-4<br>SPLICE 4000-9000 .020 NPST   | <br>TE Part # 42329-1<br>SPLICE 1200-2600 .012 NPST        | <br>TE Part # 61769-2<br>SPLICE 1200-2600 .020 NPST     |
| <br>TE Part # 60933-2<br>SPLICE 2200-2900 .012 TPST  | <br>TE Part # 485020-1<br>SPLICE 6000-8000 .020 TPST | <br>TE Part # 41215<br>SPLICE 2200-4500 CMA NPSTL        | <br>TE Part # 60470-1<br>SPLICE 3300-9000 .020 ST BLK |
| <br>TE Part # 61008-1<br>SPLICE 18-16 AWG .0158 TPST | <br>TE Part # 160659-2<br>SPLICE 800-2500 .016 NPST  | <br>TE Part # 566436-2<br>THRU SPLICE 5K CE SAPR081F116O | <br>TE Part # 7-566436-7<br>SPARE PARTS KIT           |

Also in the Series | SPLICE

|                                                                                                                            |                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <br>Crimp Wire Pins, Tabs & Ferrules(1) | <br>Splices(64) |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

Customers Also Bought



|                                                                |                                                                |                                              |                                                   |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|---------------------------------------------------|
|                                                                |                                                                |                                              |                                                   |
| TE Part #1-770178-0<br>06P MINI-UMNL ASSY VO SNNI*             | TE Part #4-1734839-0<br>FPC CONN. 0.5MM PITCH T/C,40P          | TE Part #34122<br>TERMINAL,SOLIS R 16-14 8   | TE Part #641974-1<br>12P UMNL PIN HDR ASSY 94VO   |
|                                                                |                                                                |                                              |                                                   |
| TE Part #42800-1<br>187 FASTON REC 20-16 AWG BR                | TE Part #42100-1<br>FF 250 REC 18-14AWG BR                     | TE Part #1217881-1<br>250 FUSE RCPT 020PTPBR | TE Part #794920-1<br>05P UMNL SOCKER HDR ASSY POL |
|                                                                |                                                                |                                              |                                                   |
| TE Part #1977143-4<br>Slide Switch SPDT actuator under,SMT T&R | TE Part #1977145-4<br>Slide Switch 4PDT actuator under,SMT T&R |                                              |                                                   |

Documents

Product Drawings  
SPLICE 18-16 AWG .0126 NPST  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_61021-1\_H.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_61021-1\_H.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_61021-1\_H.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Application Specification

English