



Terminals & Splices > Splices



Splice Type: **Pigtail Splice**  
Wire Size: **.8 - 2.5 mm<sup>2</sup>**  
Sealable: **No**  
Splice Capacity: **3**

Features

Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Splice Type                        | Pigtail Splice     |
| Sealable                           | No                 |
| Compatible With Discrete Wire Type | Magnet Wire, Solid |

Configuration Features

|                      |          |
|----------------------|----------|
| Strip Orientation    | End Feed |
| Splice Capacity      | 3        |
| Number of Serrations | 7        |

Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Body Features

|                 |          |
|-----------------|----------|
| Product Weight  | .187 g   |
| Splice Features | Serrated |

Contact Features

|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|



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

Termination Features

|             |                 |
|-------------|-----------------|
| Crimp Width | 2.79 mm[.11 in] |
|-------------|-----------------|

Mechanical Attachment

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

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Wire Size                   | 1500 - 5000 CMA  |
| Terminal Material Thickness | .51 mm[.02 in]   |
| Product Length              | 5.72 mm[.225 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -65 - 150 °C[-85 - 302 °F] |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 30000 |
| Packaging Method   | Strip |

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)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |



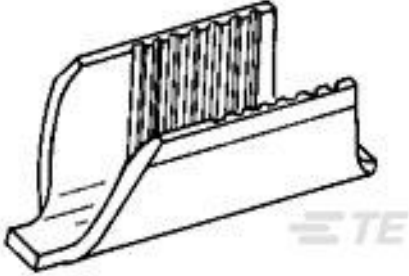
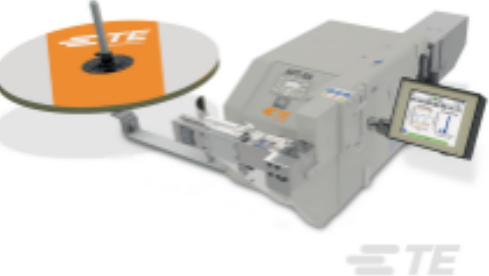
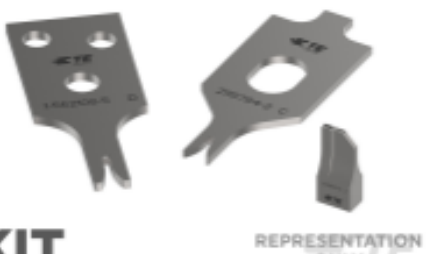
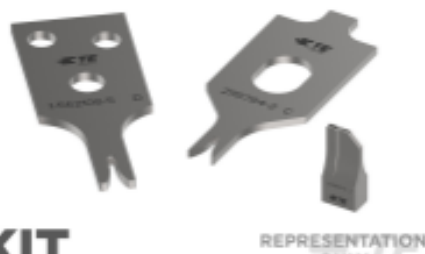
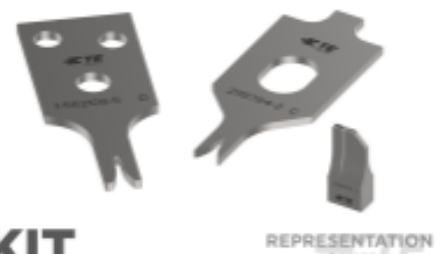
Solder Process Capability

Pin-in-Paste capable to 260°C

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

|                                                                                                                                                     |                                                                                                                                                    |                                                                                                                                                      |                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 280538-1<br/>AMPLIVAR Splice, unplated version</p> |  <p>TE Part # 1-2161800-1<br/>APT-5A TERMINATING MACHINE</p>   |  <p>TE Part # 1-2161900-1<br/>APT-5E TERMINATING MACHINE</p>    |  <p>TE Part # 1-2326135-1<br/>APT-5A INFINITE SPLICE</p> |
|  <p>TE Part # 2150115-2<br/>OCEAN_2.0_APPLICATOR-E-110F</p>      |  <p>TE Part # 2150117-2<br/>OCEAN-2.0-APPLICATOR-E-110F-SEA</p> |  <p>TE Part # 2305750-1<br/>SYSTEM, INVERTED SPLICE</p>         |  <p>TE Part # 2305750-2<br/>SYSTEM, INVERTED SPLICE</p>  |
|  <p>TE Part # 2305750-3<br/>APPLICATOR, INVERTED SPLICE</p>      |  <p>TE Part # 7-2150115-7<br/>OCEAN_2.0_SPARE_PART_KIT-110F</p> |  <p>TE Part # 7-2150117-7<br/>OCEAN_2.0_SPARE_PART_KIT-110F</p> |  <p>TE Part # 7-2305750-7<br/>CRIMP TOOLING KIT</p>      |





TE Part # 7-2150115-2  
OCEAN\_2.0\_APPLICATOR-E-110F



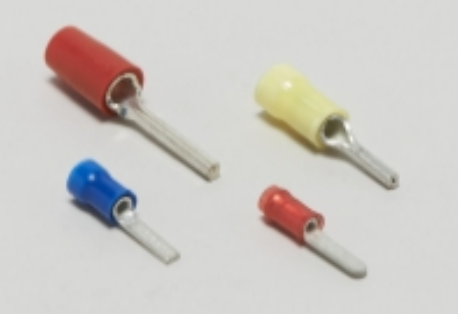
TE Part # 1-2217600-1  
APT-5A HF



TE Part # 1-2217700-1  
APT 5E HF

Also in the Series

AMPLIVAR



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)



Ring Terminals(28)



Splices(77)

Customers Also Bought



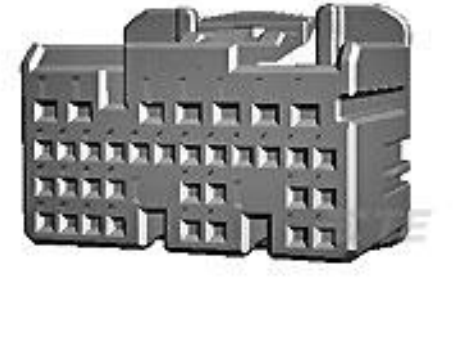
TE Part # 2213480-1  
LUMAWISE Z50 HOLDER 2828  
GENERAL



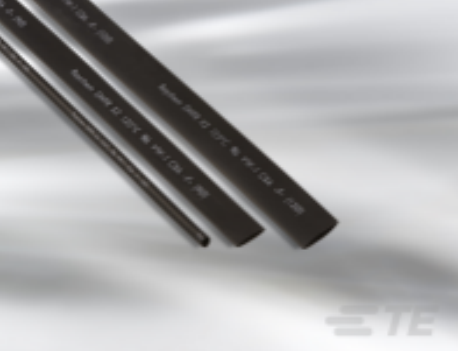
TE Part # 1-480303-0  
03P CMNL PLUG HSG F/H NATL



TE Part # 1-480318-9  
02P CMNL PLUG HSG F/H BLK



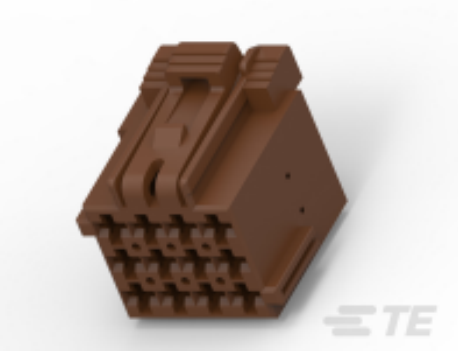
TE Part # 1674558-1  
0.64 III/1.0 III 35POS PLUG ASSY (A)



TE Part # EM7506-000  
X4-4.0-0-SP-SM



TE Part # 454575-4  
BLADE, SHEAR



TE Part # 1-967622-4  
JUN-POW-TIM GEH 12P



TE Part # 690569-1  
FRONT SHEAR PLATE



Documents

Product Drawings

SPLC AMVAR 1500-5000 020TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_62040-1\_Y\_c-62040-1-y.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_62040-1\_Y\_c-62040-1-y.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_62040-1\_Y\_c-62040-1-y.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

AMPLIVAR 7 Serration Pigtail Splice

English