



Terminals & Splices > Splices



Splice Type: **Butt Splice**  
Wire Size: **10.5 – 16.8 mm²**  
Sealable: **No**  
Barrel Inside Diameter: **5.89 mm [.232 in]**

Features

Product Type Features

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

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Number of Serrations              | 34            |
| Compatible With Wire & Cable Type | Discrete Wire |

Body Features

|                |         |
|----------------|---------|
| Product Weight | 7.706 g |
|----------------|---------|

Contact Features

|                           |         |
|---------------------------|---------|
|                           | 100 µin |
| Terminal Plating Material | Tin     |
| Contact Base Material     | Copper  |

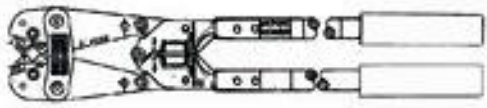
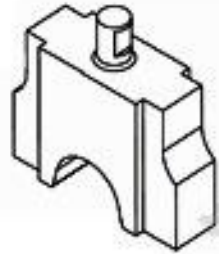
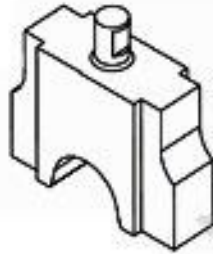
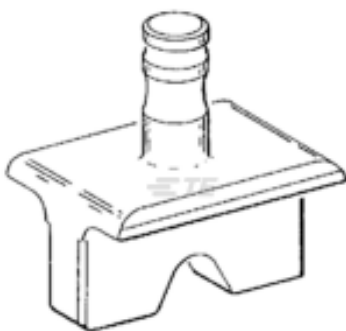
|                                                                 |                                                                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Barrel Type                                                     | Closed                                                                                                                          |
| Mechanical Attachment                                           |                                                                                                                                 |
| Wire Insulation Support                                         | Without                                                                                                                         |
| Dimensions                                                      |                                                                                                                                 |
| Outside Diameter                                                | 9.37 mm[.369 in]                                                                                                                |
| Wire Size                                                       | 20800 – 33100 CMA                                                                                                               |
| Barrel Inside Diameter                                          | 5.89 mm[.232 in]                                                                                                                |
| Terminal Material Thickness                                     | 1.45 mm[.057 in]                                                                                                                |
| Product Length                                                  | 25.78 mm[1.015 in]                                                                                                              |
| Usage Conditions                                                |                                                                                                                                 |
| Insulation Option                                               | Uninsulated                                                                                                                     |
| Operating Temperature Range                                     | 170 °C[338 °F]                                                                                                                  |
| Operation/Application                                           |                                                                                                                                 |
| Compatible With Wire Base Material                              | Copper                                                                                                                          |
| Industry Standards                                              |                                                                                                                                 |
| Government Qualified Splice                                     | No                                                                                                                              |
| Packaging Features                                              |                                                                                                                                 |
| Packaging Quantity                                              | 100                                                                                                                             |
| 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)<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

|                                                                                                                                             |                                                                                                                                                   |                                                                                                                                             |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 601075<br/>BANTAM ROTA-CRIMP TOOL</p>      |  <p>TE Part # 1490414-2<br/>HYP10 SOLIS HD 6-4AWG INDENTER</p> |  <p>TE Part # 69217<br/>HYP8/10 SOLIS 6AWG DIE SET</p> |  <p>TE Part # 48127<br/>HYP8 SOLIS 6-2AWG INDENTER</p> |
|  <p>TE Part # 1490413-2<br/>HYP10 SOLIS HD 8AWG NEST</p> |  <p>TE Part # 600850<br/>ROTO-CRIMP TOOL (ASI)</p>             |  <p>TE Part # 1901000-1<br/>NEST #6</p>                |  <p>TE Part # 1901002-1<br/>INDENTER, SOLISTRAND</p>   |
|  <p>TE Part # 48128<br/>HYP8 SOLIS 6AWG NEST</p>         |                                                                                                                                                   |                                                                                                                                             |                                                                                                                                             |

Customers Also Bought



|                                                    |                                                   |                                                            |                                               |
|----------------------------------------------------|---------------------------------------------------|------------------------------------------------------------|-----------------------------------------------|
|                                                    |                                                   |                                                            |                                               |
| TE Part #DT06-6S-CE06<br>PLG, 6P, BLK, E, SEAL RET | TE Part #6609067-1<br>16AYC10B=F7745D             | TE Part #61021-1<br>SPLICE 18-16 AWG .0126 NPST            | TE Part #1622853-1<br>CRG0603 1% 15K          |
|                                                    |                                                   |                                                            |                                               |
| TE Part #30972<br>TERMINAL,BUDG R 12-10 3/8        | TE Part #180984<br>FASTON 250 BOOT FLAG NYLON NAT | TE Part #160088-3<br>RING TONGUE 20-16 AWG 0.198 X .700 BR | TE Part #2176571-2<br>RLC73V 2A R022 1% 1K RL |
|                                                    |                                                   |                                                            |                                               |
| TE Part #MS27488-12-2<br>SEALING PLUGS             | TE Part #ZPF000000000207430<br>724-0003-16 A1008  |                                                            |                                               |

Documents

Product Drawings  
SPLICE,SOLIS BUTT 6

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_34322\_F.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_34322\_F.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_34322\_F.3d\_stp.zip

English

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Agency Approvals

UL Report

English

UL Report

English