



TE Internal #: 36964

Splices, 22 – 14 AWG Wire Size, .3 – 2 mm<sup>2</sup> Wire Size, .509 – 5.18 kcmil Wire Size, 509 – 5180 CMA Wire Size, Copper, Purple, Closed End Splice Splice

[View on TE.com >](#)

Terminals & Splices > Splices



Wire Size: .509 – 5.18 kcmil

Sealable: No

Accepts Wire Insulation Diameter Range: 4.75 mm [ .187 in ]

## Features

### Product Type Features

Splice Accessory Type	Splice
Sealable	No
Splice Type	Closed End Splice
Serrated	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

Weight per Piece	.567 g
Plating Material	Tin
Primary Product Material	Copper
Primary Product Color	Purple

### Contact Features

Contact Plating Material	Tin
Barrel Type	Closed



### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	509 – 5180 CMA
Accepts Wire Insulation Diameter Range	4.75 mm[.187 in]
Terminal Material Thickness	.69 mm[.027 in]
Overall Product Length	21.21 mm[.835 in]

### Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	90 °C[194 °F]

### Operation/Application

Heavy Duty	No
Compatible With Wire Base Material	Copper

### Identification Marking

Marking	VS
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### Industry Standards

Government Qualified Splice	No
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

### Other

Comment	VS-300V, 90°- C. BOMB-TAIL Splice.
Military Category	No

### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)



Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



REPRESENTATION ONLY

TE Part # 45216  
DAHT AMP CLOSED END SPLICES 22-14 ASSY



TE Part # 217212-1  
PRO-CR ASSY, CES



TE Part # 217212-2  
PRO-CR DIE, CES



TE Part # 45218  
DIES ECV-ECN 18-16 DIE SET



TE Part # 48208  
DAHT CLOSED END SPLICES 22-10 ASSY

### Documents

**Product Drawings**  
[SPLICE,CE 22-14](#)

English

**CAD Files**  
Customer View Model  
[ENG\\_CVM\\_CVM\\_36964\\_W.2d\\_dxf.zip](#)

English



**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_36964\\_W.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_36964\\_W.3d\\_stp.zip](#)

English

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**Product Environmental Compliance**

[MD\\_36964\\_041520182317\\_dmtec](#)

English

[MD\\_36964\\_041520182317\\_dmtec](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

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**Agency Approvals**

[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English