

1SET141002R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SET141002R0000

Splices, Butt Splice, 22 – 16 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, Standard, 509 – 3260 CMA Wire Size, Copper, Red, Serrated

[View on TE.com >](#)



Terminals & Splices > Splices > Splices, Vinyl Insulated



Wire Size: .3 – 1.42 mm<sup>2</sup>

Sealable: No

Splice Features: **Standard**

Accepts Wire Insulation Diameter Range: 3.56 mm [ .14 in ]

[All Splices, Vinyl Insulated \(7\)](#)

## Features

### Product Type Features

Splice Accessory Type	Splice
Sealable	No
Splice Type	Butt Splice
Serrated	Yes
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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### Electrical Characteristics

Operating Voltage	600 V
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### Body Features

Insulation Sleeve Material	Vinyl
Weight per Piece	1.432 g
Plating Material	Tin

Insulation Material	PVC
Splice Features	Standard
Primary Product Material	Copper
Primary Product Color	Red

#### Contact Features

Contact Plating Material	Tin
Barrel Type	Closed

#### Mechanical Attachment

Wire Insulation Support	With
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#### Dimensions

Wire Size	509 – 3260 CMA
Accepts Wire Insulation Diameter Range	3.56 mm[.14 in]
Overall Product Length	27.33 mm[1.076 in]

#### Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	90 °C[221 °F]

#### Operation/Application

Heavy Duty	No
Compatible With Wire Base Material	Copper

#### Industry Standards

Government Qualified Splice	No
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#### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

#### Other

Comment	Marking: Commercial 22-16- Military 22-18 in accordance with MIL-T-7928.
Military Category	No

#### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)








EU RoHS Directive 2011/65/EU	Compliant
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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 reviewed for solder process capability

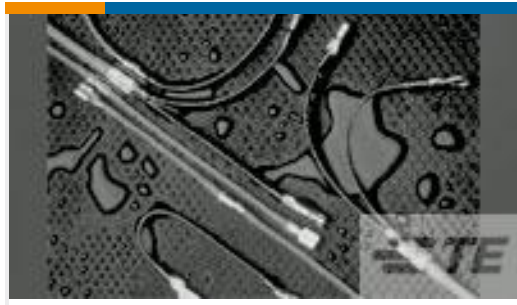
Product Compliance Disclaimer

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 # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 5-1377173-2 SMP 0-0034070-0</p>
 <p>REPRESENTATION ONLY</p> <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 45160 DAHT PG 22-16 ASSY</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>	

## Customers Also Bought



TE Part #138601-000  
B-106-1401



TE Part #108961-000  
D-406-0003



TE Part #D33598-000  
B-152-9003



TE Part #F80600-000  
B-152-9004

## Documents

### Product Drawings

[SP015](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET141002R0000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET141002R0000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET141002R0000\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Infographic - entrelec ews-linecard](#)

English

[Data Sheet - ENTRELEC PVC Insulated Terminals and Splices](#)

English

[Data Sheet - ENTRELEC PVC Insulated Terminals and Splices](#)

French

[Data Sheet - ENTRELEC PVC Insulated Terminals and Splices](#)

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[Essential Entrelec Terminal Blocks](#)

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[Product Specifications](#)

[Application Specification](#)

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[Instruction Sheets](#)

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

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[Agency Approvals](#)

[UL Report](#)

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