



TE Internal #: 1-966067-2

Crimp Wire Pins, Tabs & Ferrules, Ferrule, 16 AWG Wire Size, 1.25 - 1.5 mm² Wire Size, 2583 CMA Wire Size, .14 in [3.5 mm] Barrel Inside Diameter

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Ferrule**

Compatible Insulation Diameter Range: **3.4 mm [ .13 in ]**

Wire Size: **2583 CMA**

Features

Product Type Features

|                                    |          |
|------------------------------------|----------|
| Sealable                           | No       |
| Compatible With Discrete Wire Type | Stranded |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                            |               |
|----------------------------|---------------|
| Contact Mating Area Length | 8 mm[.312 in] |
| Crimp Wire Terminal Type   | Ferrule       |
| Barrel Type                | Closed        |
| Terminal Plating Material  | Tin           |
| Terminal Orientation       | Straight      |

Mechanical Attachment

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

Dimensions

|  |  |
|--|--|
|  |  |
|--|--|



|                                      |                 |
|--------------------------------------|-----------------|
| 2-Wire Size                          | 16 AWG          |
| Strip Length                         | 10 mm[.394 in]  |
| Compatible Insulation Diameter Range | 3.4 mm[.13 in]  |
| Wire Size                            | 2583 CMA        |
| Barrel Inside Diameter               | 3.5 mm[.14 in]  |
| Terminal Material Thickness          | .15 mm[.005 in] |
| Overall Product Length               | 14 mm[.551 in]  |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method   | Box |

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                     | Not applicable for solder process capability                                                                                  |

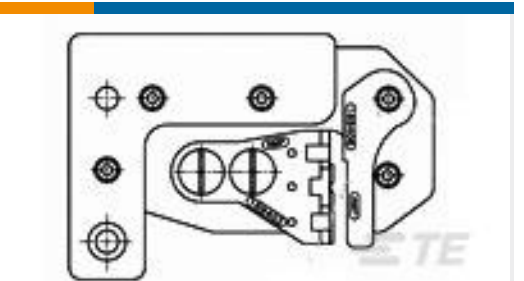
Product Compliance Disclaimer

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

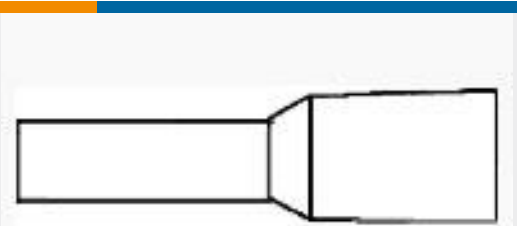
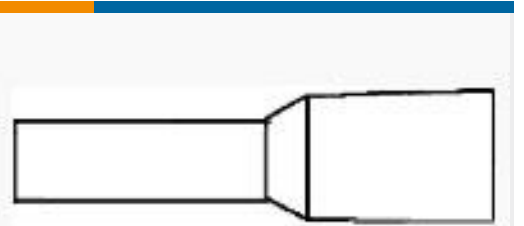
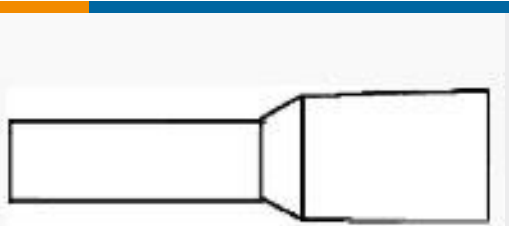
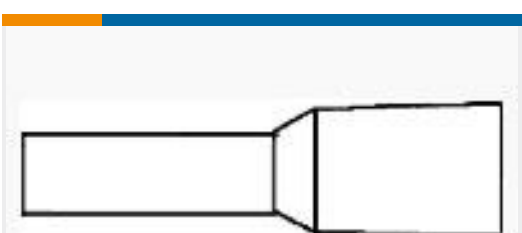
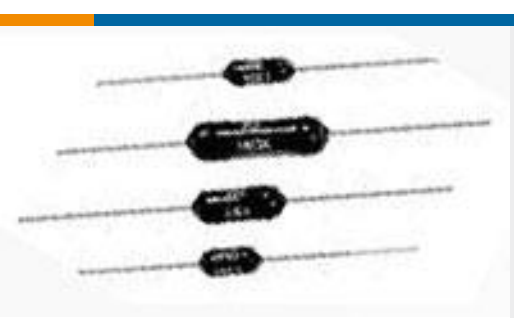


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                                                                                                                     |                                                                                                                                                      |                                                                                                                                            |                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 539660-1<br/>ADERENDHUELSEN (Ferrule) Crimp Tool</p> |  <p>TE Part # 7-1579014-0<br/>HT FOR CABLE-END SLEEVES 0,08-10</p> |  <p>TE Part # 2-1579001-3<br/>CSE10-AE22 CRIMP HEAD</p> |  <p>TE Part # 1SET191003R0000<br/>FER-SE-HT</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

Customers Also Bought

|                                                                                                                                                         |                                                                                                                                                             |                                                                                                                                                        |                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2-178139-2<br/>DYNAMIC 3200 HDR H 6P ASSY</p>          |  <p>TE Part # 966144-6<br/>FER,WIRE,DBL,PL SLV,1.50/16,L8, BLACK,LP</p> |  <p>TE Part # 966067-2<br/>FER,WIRE,PL SLV,,50/20,L8,WHITE,LP</p> |  <p>TE Part # 966067-1<br/>FER,WIRE,PL SLV,,50/20,L6,WHITE,LP</p> |
|  <p>TE Part # 1-966067-9<br/>FER,WIRE,PL SLV,4.00/12,L10,GREY,LP</p> |  <p>TE Part # T4032014041-000<br/>M8.MLE.PNLFRONT.4POS.STR.</p>         |  <p>TE Part # 5-1879663-7<br/>H8 412R 0.1% 15PPM</p>              | <p>TE Part # 04ZZXLF015<br/>/HYB/2x22+/SH/PVC/UL2549/GY/-/</p>                                                                                         |
| <p>TE Part # 73560011-000<br/>JL 250MHR TP-3952</p>                                                                                                     |                                                                                                                                                             |                                                                                                                                                        |                                                                                                                                                        |

Documents

Product Drawings  
FER,WIRE,PL SLV,1.50/16,L8,BLACK,LP  
English



CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-966067-2\_B1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1-966067-2\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-966067-2\_B1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-966067-2\_B.3d\_igs.zip

English

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

Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

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Wire Ferrules

English

WIRE END FERRULES

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Agency Approvals

CSA Certificate

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