

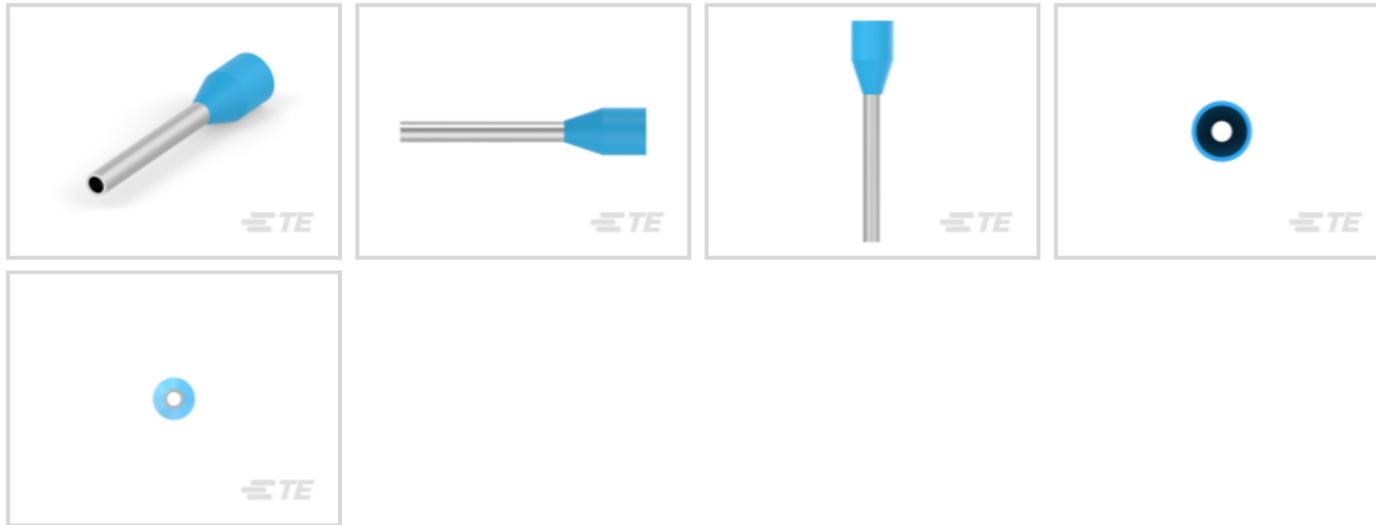


TE Internal #: 966066-2

Crimp Wire Pins, Tabs & Ferrules, Ferrule, 23 AWG Wire Size, .25 mm<sup>2</sup> Wire Size, 509 CMA Wire Size, .07 in [1.8 mm] Barrel Inside Diameter, Closed

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Ferrule**

Compatible Insulation Diameter Range: 1.7 mm [.06 in]

Wire Size: **509 CMA**

## Features

### Product Type Features

Sealable	No
Compatible With Discrete Wire Type	Stranded

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Body Features

Primary Product Color	Light Blue
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### 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
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### Dimensions

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2-Wire Size	23 AWG
Strip Length	10 mm[.394 in]
Compatible Insulation Diameter Range	1.7 mm[.06 in]
Wire Size	509 CMA
Barrel Inside Diameter	1.8 mm[.07 in]
Terminal Material Thickness	.15 mm[.005 in]
Overall Product Length	12 mm[.472 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: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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



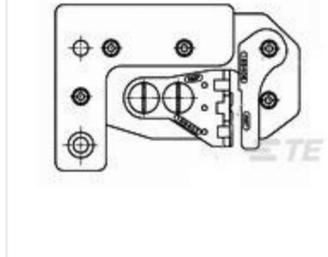
TE Part # 539660-1  
ADERENDHUELSEN (Ferrule) Crimp Tool



TE Part # 6-1579014-5  
HT FOR CABLE-END SLEEVES FRONT 0,08-16



TE Part # 7-1579014-0  
HT FOR CABLE-END SLEEVES 0,08-10



TE Part # 2-1579001-3  
CSE10-AE22 CRIMP HEAD



TE Part # 1SET191003R0000  
FER-SE-HT



TE Part # 1SET191004R0000  
FER-FL-HT

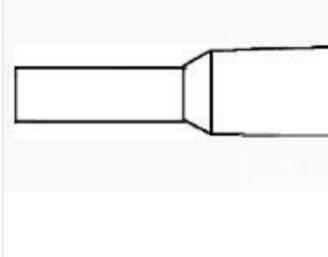
## Customers Also Bought



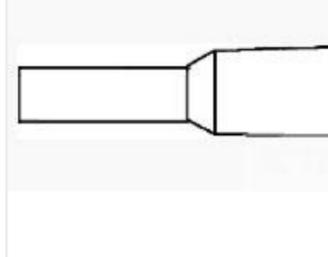
TE Part #FC2311-0000-0500-L  
FC23 MV 2FT CABLE 500L



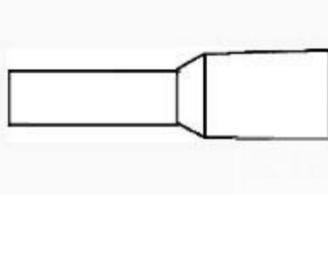
TE Part #1-794617-0  
10POS,MICRO MNL,RCPT HSG



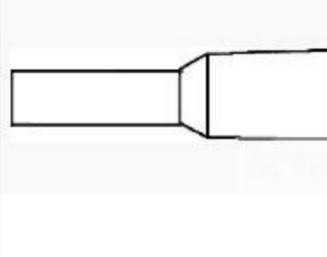
TE Part #966067-2  
FER,WIRE,PL SLV,.50/20,L8,WHITE,LP



TE Part #966066-1  
FER,WIRE,PL SLV,.25/24,L6,LIGHT-BLUE,LP



TE Part #966066-4  
FER,WIRE,PL SLV,.34/22,L8,TURQOISE,LP



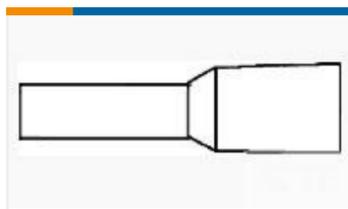
TE Part #966066-3  
FER,WIRE,PL SLV,.34/22,L6,TURQOISE,LP



TE Part #1969443-3  
EP 2.5 TPA Retainer, 3 Pos



TE Part #1969443-4  
EP 2.5 TPA Retainer, 4 Pos



TE Part #966067-5  
FER,WIRE,PL SLV,.75/18,L8,GREY,LP



TE Part #CQ50553001  
RAY-103-4.0(10)

## Documents

### Product Drawings

[FER,WIRE,PL SLV,.25/24,L8,LIGHT-BLUE,LP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_966066-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_966066-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_966066-2\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_966066-2\\_C2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_966066-2\\_C2.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_966066-2\\_C2.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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### Datasheets & Catalog Pages

[Wire Ferrules](#)

English

[WIRE END FERRULES](#)

English



[Agency Approvals](#)

[CSA Certificate](#)

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