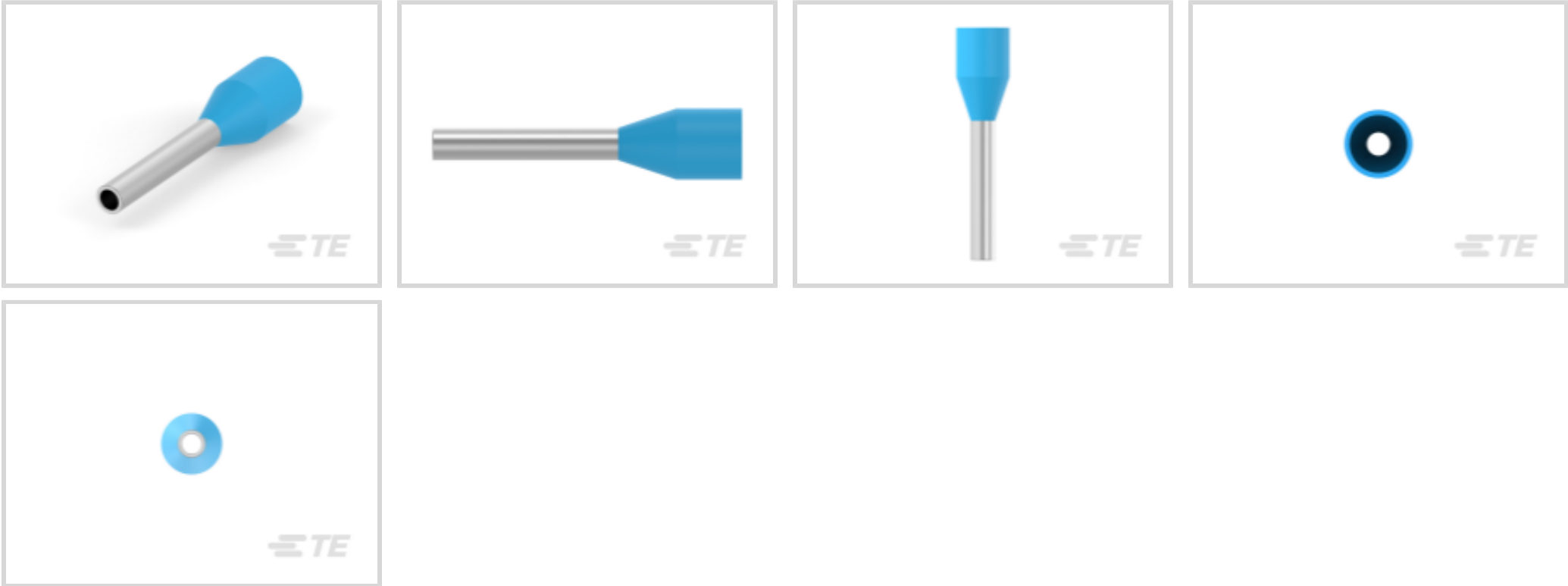




TE Internal #: 966066-1
Ferrule, 23 AWG Wire Size, .25 mm² Wire Size, 509 CMA Wire Size,
1.8 mm [.07 in] Barrel Inside Diameter, Closed, Crimp Wire Pins,
Tabs & Ferrules
[View on TE.com >](#)

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	6 mm[.234 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	8 mm[.315 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	10 mm[.4 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2-1579001-3
CSE10-AE22 CRIMP HEAD

TE Part # 1SET191003R0000

TE Part # 1SET191004R0000

Customers Also Bought

TE Part #2271203-1
2PIN WIRE TO WIRE CONNECTOR

TE Part #3-2176316-5
MELF SMA_A 68K 0.1% 15PPM 0207 1W

TE Part #814727-000
222A132-4/42-0

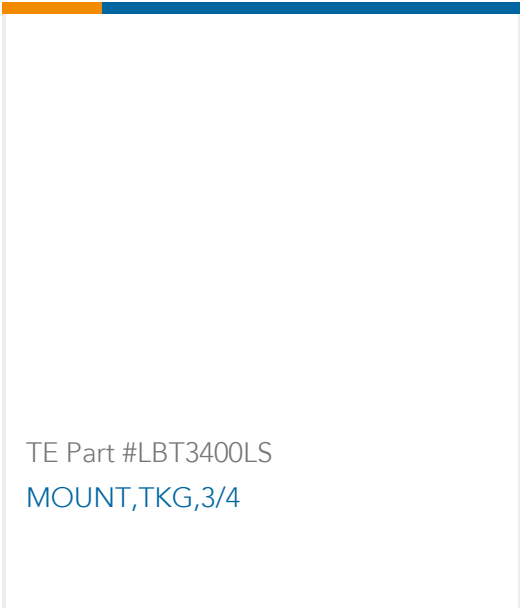
TE Part #2-2071448-1
ORWH-SS-105DM1F,000

TE Part #ZPF000000000017910
FDBA 50-10-6 PN-K-A499

TE Part #4-1768079-8
LBF-79252480C

TE Part #4-1768385-1
LBF-TY12166A

TE Part #7-1768078-5
LBF-79203860C



Documents

Product Drawings

FER,WIRE,PL SLV,.25/24,L6,LIGHT-BLUE,LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_966066-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_966066-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_966066-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_966066-1_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_966066-1_C2.3d_stp.zip

English

Customer View Model

ENG_CVM_966066-1_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](#)

English