



**SHUR-PLUG 180**

TE Internal #: 170012-2

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, 20 – 16 AWG Wire Size, .5 – 1.3 mm<sup>2</sup> Wire Size, 1021 – 2582 CMA Wire Size, SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Shur-Plug**

Accepts Wire Insulation Diameter Range: 2.1 – 3.7 mm, 3.68 mm [ .082 – .145 in, .145 in ]

Wire Size: 1021 – 2582 CMA

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Contact Features**

Crimp Wire Pin, Tab & Ferrule Terminal Type	Shur-Plug
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

**Mechanical Attachment**

Wire Insulation Support	With
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**Dimensions**

Accepts Wire Insulation Diameter Range	2.1 – 3.7 mm, 3.68 mm [.082 – .145 in][.145 in]
Wire Size	1021 – 2582 CMA
Barrel Inside Diameter	1.27 mm, 3.56 mm [.05 in][.14 in]

Terminal Material Thickness	.32 mm[.012 in]
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Overall Product Length	19.6 mm[.771 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Heavy Duty	No
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### Packaging Features

Packaging Quantity	6000
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Packaging Method	Reel
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### 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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 60017-3  
RIGHT ANGLE SHUR PLUG REC 20-16  
0.41 BR



TE Part # 2-2150959-1  
OC-PA-E-FM-110F180F-001-0262



TE Part # 2-2150959-2  
OC-PA-E-FA-110F180F-001-0262



TE Part # 2150959-1  
OC-AT-E-FM-110F180F-001-0262



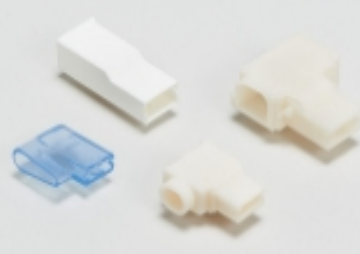
TE Part # 2150959-2  
OC-AT-E-FA-110F180F-001-0262



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150959-7  
OC-110F180F-CRIMPTOOLINGKIT


## Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)



Crimp Wire Pins, Tabs & Ferrules(37)



Special Purpose Terminals(1)

## Customers Also Bought



TE Part #170233-2  
POSITIVE LOCK 250 REC 0.5-2.27  
MM2 TPBR



TE Part #175778-3  
CT.CRIMP REC HSG 3P



TE Part #170823-3  
250 FASTON SLEEVE,REC.,  
TRANSPARENT



TE Part #170823-2  
250 FASTON SLEEVE,REC.,  
TRANSPARENT



TE Part #172496-1  
MIC PLUG HSG 9P (MK II)



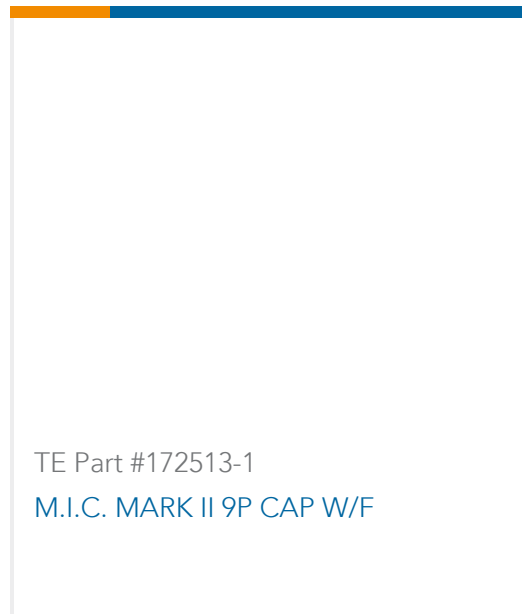
TE Part #170823-6  
250 FASTON SLEEVE, REC.,  
TRANSPARENT



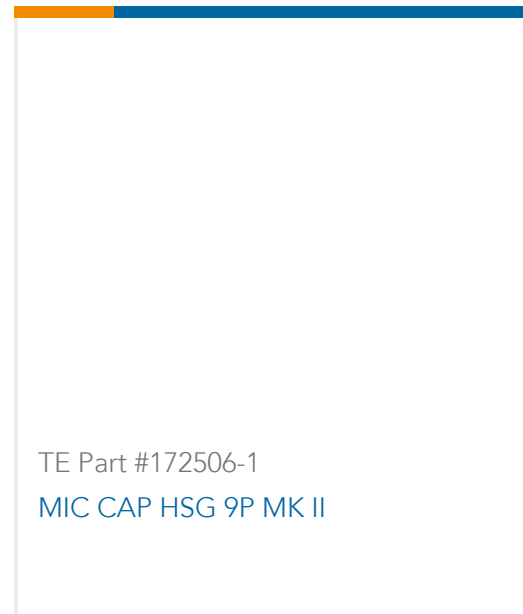
TE Part #1-170823-3  
187 FASTON SLEEVE, REC.,  
TRANSPARENT, NAT



TE Part #1-1627024-5  
H1191ET/R2500



TE Part #172513-1  
M.I.C. MARK II 9P CAP W/F



TE Part #172506-1  
MIC CAP HSG 9P MK II

## Documents

### Product Drawings

[SHUR PLUG REC 20-16 MM2 0.32 X 13.97 BR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170012-2\\_V.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170012-2\\_V.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170012-2\\_V.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

Japanese

[APPLICATION SPECIFICATION CRIMPING OF SHUR PLUG SHORT CONTACT](#)

Japanese

[Application Specification](#)

English

[APPLICATION SPECIFICATION CRIMPING OF SHUR PLUG SHORT CONTACT](#)

English

