



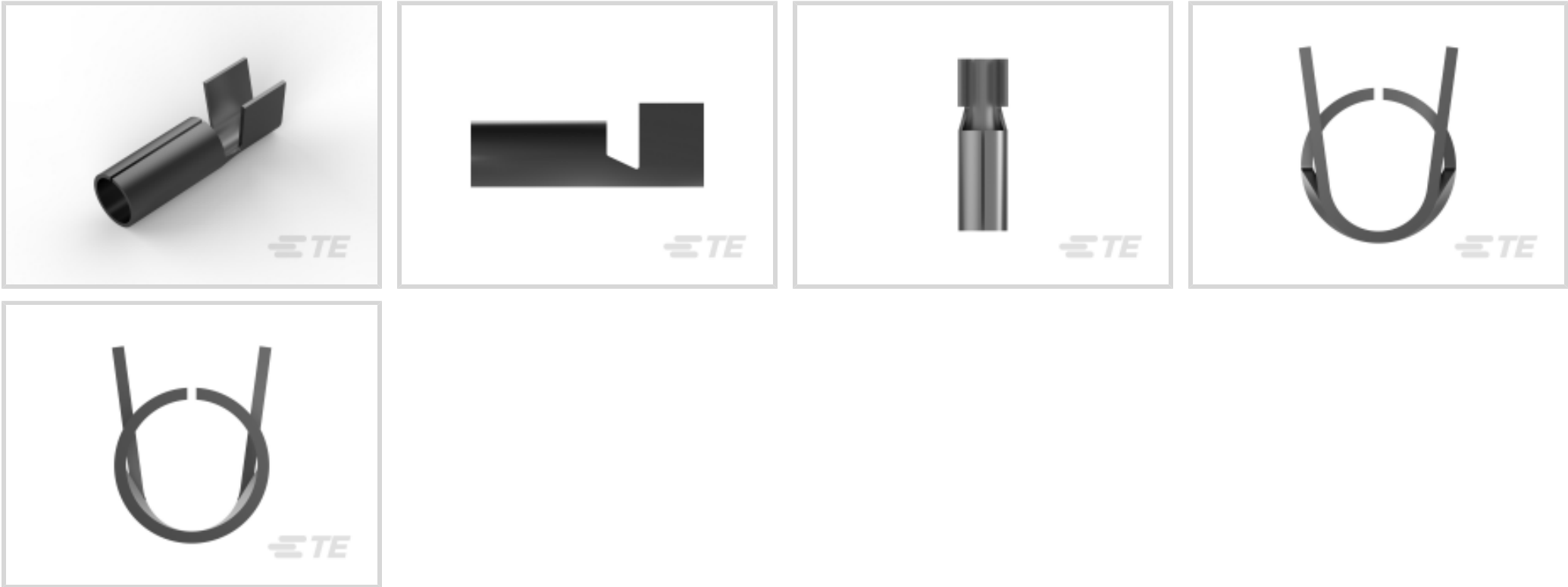
SHUR-PLUG 180

TE Internal #: 1217070-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter
4.57 mm [.18 in], 12 - 8 AWG Wire Size, 2.64 - 3.32 mm² Wire Size,
SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Shur-Plug**
Mating Pin Diameter: **4.57 mm [.18 in]**
Wire Size: **6529 - 16507 CMA**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Crimp Wire Terminal Type	Shur-Plug
Mating Pin Diameter	4.57 mm[.18 in]
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	6529 - 16507 CMA
Barrel Inside Diameter	3.3 mm[.13 in]
Terminal Material Thickness	.39 mm[.016 in]



Overall Product Length

18.29 mm[.72 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Product Compliance

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

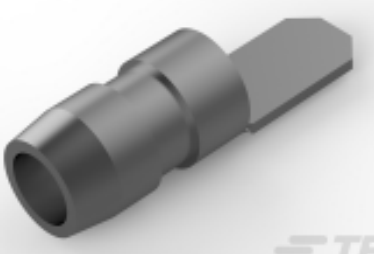
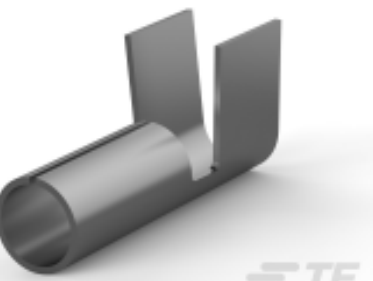
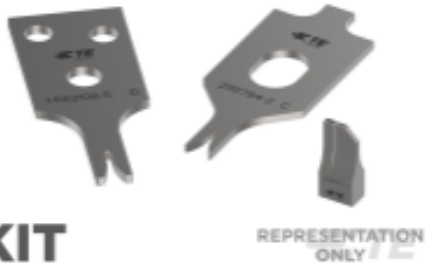
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

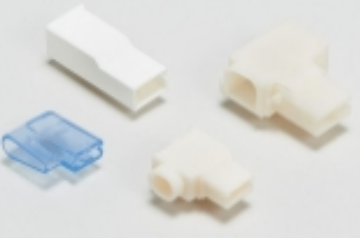
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

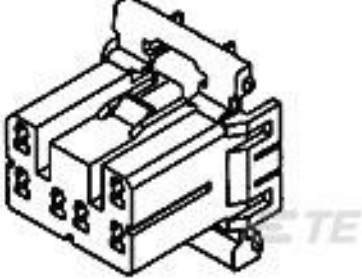
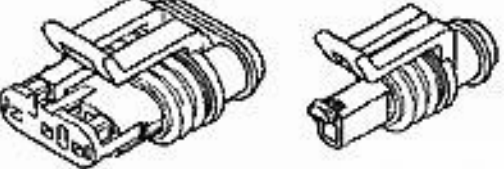
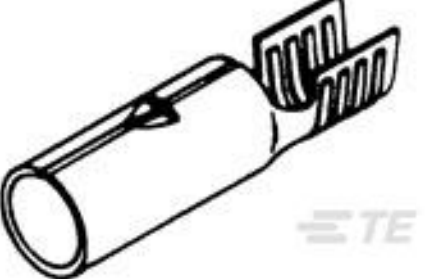
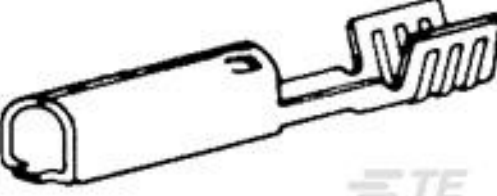


 <p>TE Part # 170887-1 SLEEVE DIA5 SHUR PLUG NAT</p>	 <p>TE Part # 170887-3 IS SHUR PLG 5 DIA NAT</p>	 <p>TE Part # 170889-3 SLEEVE DIA5 SHUR PLUG NAT</p>	 <p>TE Part # 170889-1 SLEEVE DIA5 SHUR PLUG NAT</p>
 <p>TE Part # 170887-4 SLEEVE DIA5 SHUR PLUG NAT</p>	 <p>TE Part # 170889-2 SLEEVE DIA3 SHUR PLUG NAT</p>	 <p>TE Part # 62829-3 156 SHUR PLUG 018 PTPBR</p>	 <p>TE Part # 1217074-2 SHUR PLUG,180,REC.,2 X 8 AWG,TPBR</p>
 <p>TE Part # 2150921-2 OCEAN_2.0_Applicator-E-180F-REA</p>	 <p>TE Part # 444154-2 SHUR PLUG 180 0.5-1.0MM2 0.45X27.6 PTPBR</p>	 <p>TE Part # 7-2150921-7 OCEAN_2.0_SPARE_PART_KIT-180F</p>	 <p>TE Part # 7-2150921-2 OCEAN_2.0_Applicator-E-180F</p>

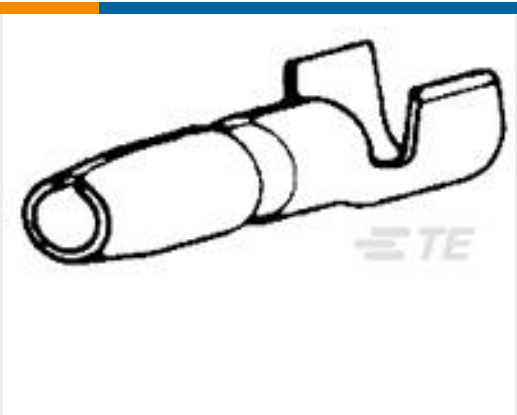
Also in the Series | SHUR-PLUG 180

 <p>Crimp Terminal Housings(6)</p>	 <p>Crimp Wire Pins, Tabs & Ferrules(37)</p>	 <p>Special Purpose Terminals(1)</p>
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Customers Also Bought

 <p>TE Part # 173850-2 070 MULTILOCK PLUG 8P</p>	 <p>TE Part # 282087-1 AMP SUPERSEAL 1.5 SERIES 3P PL</p>	 <p>TE Part # 42868-2 SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR</p>	 <p>TE Part # 61012-3 PIN .109 RECEPTACLE 18-14 AWG TPBR</p>
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TE Part # 61802-1

SHUR PLUG .156 18-14 AWG PTPBR



TE Part # 62474-1

110 FASTON REC 18-14 AWG TPBR



TE Part # M902-2163

BKSHL, 6SZ, CBL SZ .430-.570, HD10



TE Part # 282109-1

AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



TE Part # NB14912001

DWP-125-3/4-0-STK

Documents

Product Drawings

SHUR PLUG 180 RECEPTACLE 12-8 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217070-1_E1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217070-1_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217070-1_E1.3d_stp.zip

English

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

Product Specifications

Application Specification

English