



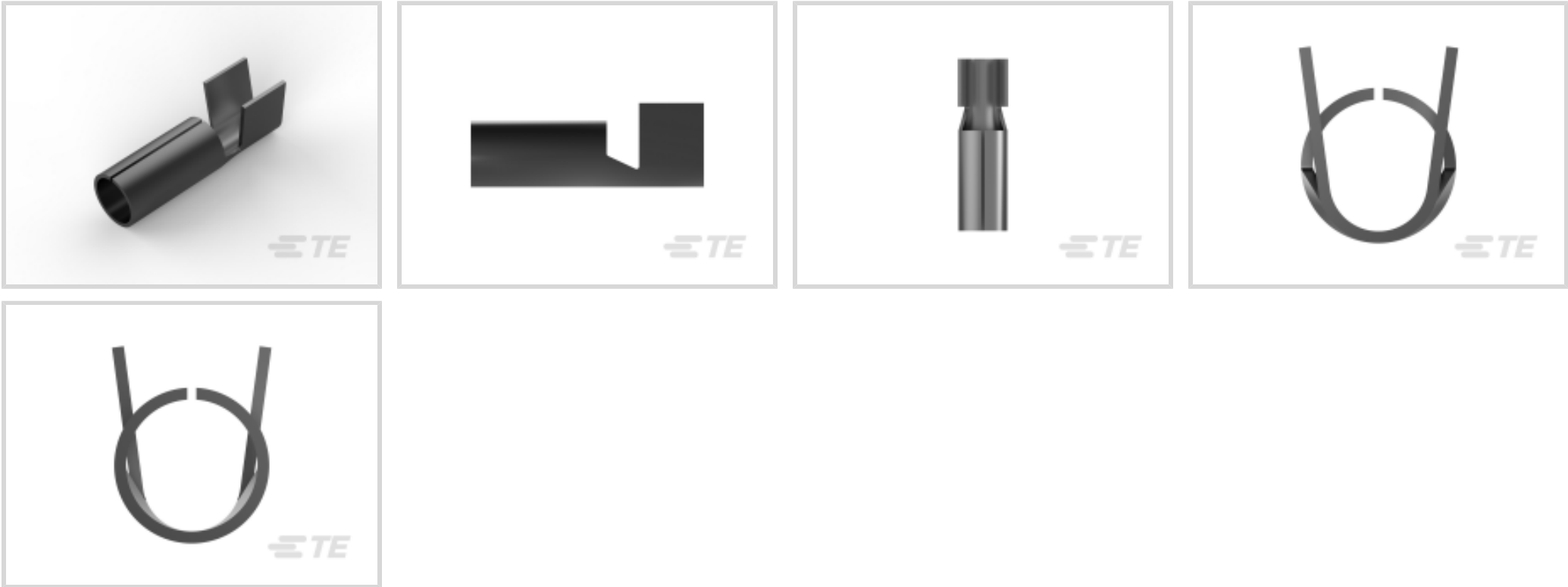
SHUR-PLUG 180

TE Internal #: 1217070-1

Shur-Plug, 4.57 mm [.18 in] Pin Diameter, 12 – 8 AWG, 2.64 – 3.32 mm² Wire, 6529 – 16507 CMA, Open Barrel, Tin Plating, 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

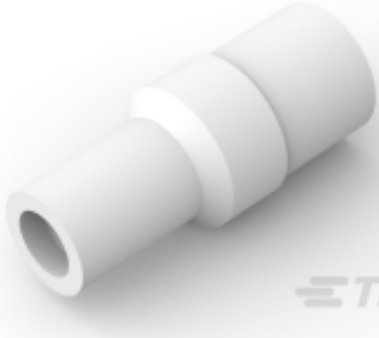
For compliance documentation, visit the product page on [TE.com](#)>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 170887-1
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 2150921-2
OCEAN_2.0_Applicator-E-180F-REA



TE Part # 7-2150921-7
OCEAN_2.0_SPARE_PART_KIT-180F



TE Part # 62829-3
156 SHUR PLUG 018 PTPBR



TE Part # 1217074-2
SHUR PLUG,180,REC.,2 X 8 AWG,TPBR



TE Part # 444154-2
SHUR PLUG 180 0.5-1.0MM2 0.45X27.6 PTPBR



TE Part # 170887-3
IS SHUR PLG 5 DIA NAT



TE Part # 170889-3
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170889-1
SLEEVE DIA5 SHUR PLUG NAT

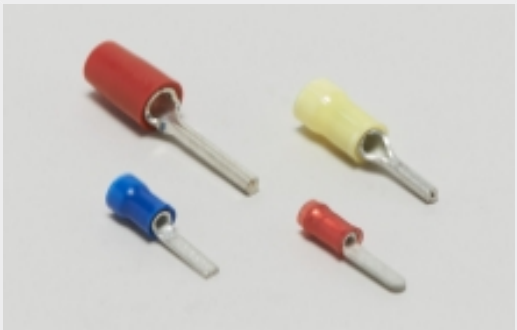


TE Part # 170887-4
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170889-2
SLEEVE DIA3 SHUR PLUG NAT

Also in the Series | SHUR-PLUG 180



Crimp Wire Pins, Tabs & Ferrules(37)

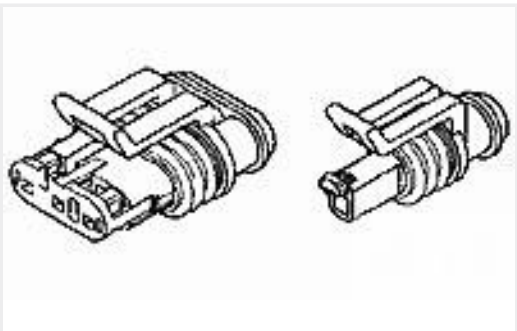


Insulation Boots & Sleeves(6)

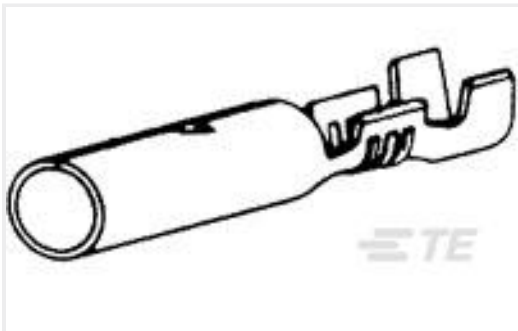


Special Purpose Terminals(1)

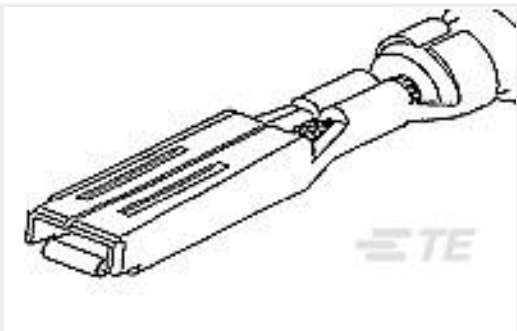
Customers Also Bought



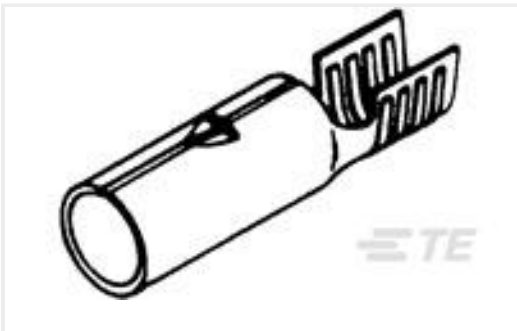
TE Part #282087-1
AMP SUPERSEAL 1.5 SERIES 3P PL



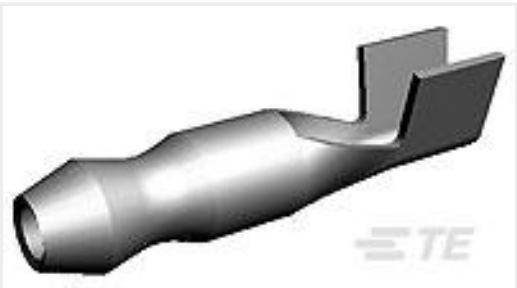
TE Part #60799-2
SHUR PLUG 180 RECEPTACLE 18-14 AWG BR



TE Part #282110-1
MINI MIC RCPT CONTACT



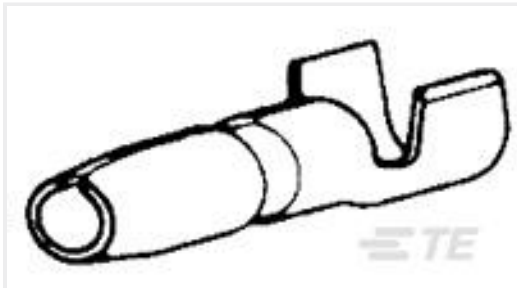
TE Part #42868-2
SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR



TE Part #42865-3
[SHUR PLUG 180 REVERSE REEL 14-10AWG TPBR](#)



TE Part #62474-1
[110 FASTON REC 18-14 AWG TPBR](#)



TE Part #61802-1
[SHUR PLUG .156 18-14 AWG PTPBR](#)



TE Part #485043-2
[SPLICE 4000-9000 .020 TPBR](#)



TE Part #HD36-24-21SN
[PLG, 21P, AL, N, 12/16, S](#)



TE Part #60798-4
[SHUR PLUG 180 RECEPTACLE 18-14 AWG TPBR](#)

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

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Product Specifications

[Application Specification](#)

English