

42868-1 ✓ ACTIVE

SHUR-PLUG 180

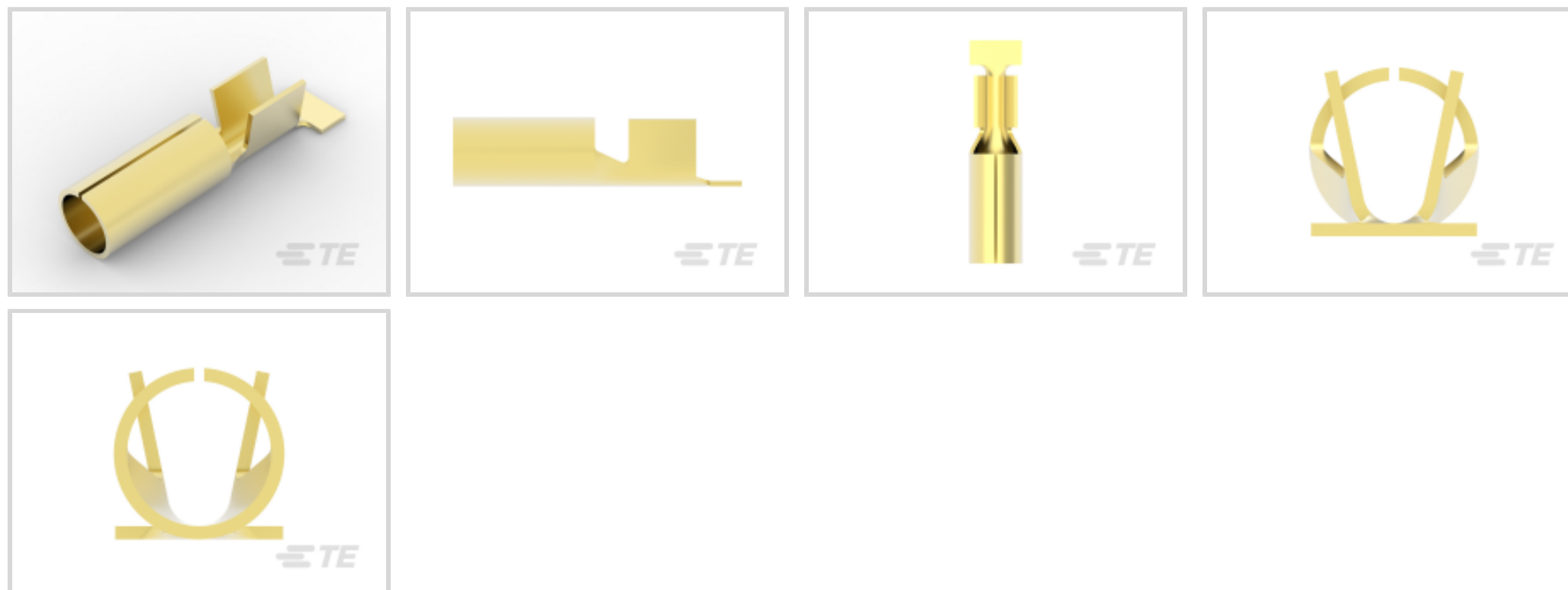
TE Internal #: 42868-1

Shur-Plug, Mating Pin Diameter 4.57 mm [.18 in], 14 – 10 AWG Wire Size, 2 – 6 mm² Wire Size, SHUR-PLUG 180, Crimp Wire Pins, Tabs & Ferrules

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Shur-Plug**

Mating Pin Diameter: **4.57 mm [.18 in]**

Wire Size: **9600 CMA**

Features

Contact Features

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

Dimensions

Wire Size	9600 CMA
Barrel Inside Diameter	1.9 mm [.075 in]
Terminal Material Thickness	.39 mm [.016 in]
Overall Product Length	18.28 mm [.72 in]

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
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Usage Conditions

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

Mechanical Attachment

Wire Insulation Support	Without
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 1742039-1
SHUR PLUG .156 DIA REC 10-14 AWG PTPBR



TE Part # 42700-1
SHUR PLUG 180 RECEPTACLE 20-16 AWG BR



TE Part # 42749-1
SHUR PLUG 180 REC 20-16 AWG BR



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



TE Part # 2150740-2
OCEAN_2.0 APPLICATOR-E-130F-REA

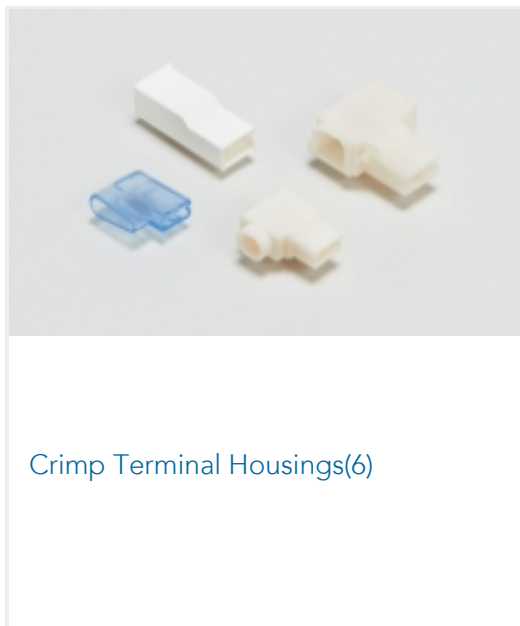


TE Part # 444154-2
SHUR PLUG 180 0.5-1.0MM2 0.45X27.6 PTPBR



TE Part # 7-2150740-7
OCEAN_2.0 SPARE_PART_KIT-130F

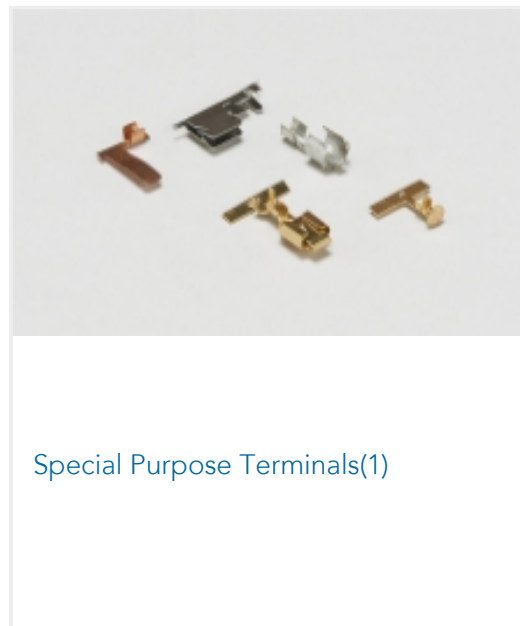
Also in the Series | **SHUR-PLUG 180**



Crimp Terminal Housings(6)



Crimp Wire Pins, Tabs & Ferrules(37)



Special Purpose Terminals(1)

Customers Also Bought



TE Part #2-31886-2
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #770849-8
08P SL156 HSG W/LCK RMP & TABS



TE Part #640252-2
SL-156 RECEPTACLE



TE Part #640925-1
RECEPT,PIDG FASTON 22-18 110



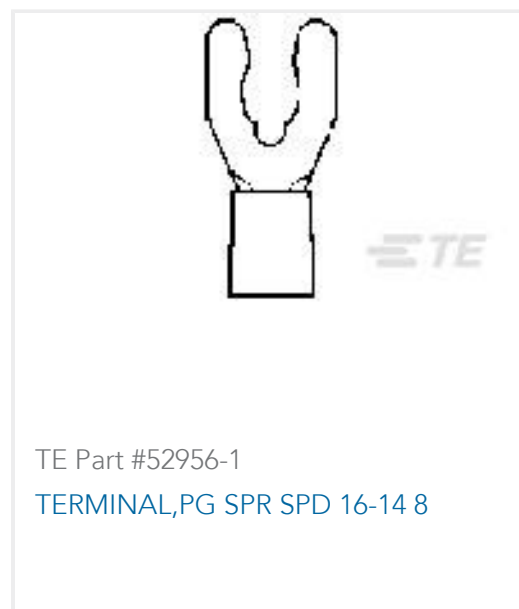
TE Part #42865-1
SHUR PLUG .180 14-10 AWG BR



TE Part #NB10114001
ATUM-24/6-0-SP



TE Part #61012-1
PIN .109 RECEPTACLE 18-14 AWG BR



TE Part #52956-1
TERMINAL,PG SPR SPD 16-14 8



Documents

Product Drawings

SHUR PLUG 180 RECEPTACLE 14-10 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42868-1_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42868-1_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42868-1_AB.3d_stp.zip

English

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Product Specifications

Application Specification

English