

42891-1 ✓ ACTIVE

SHUR-PLUG 180

TE Internal #: 42891-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter

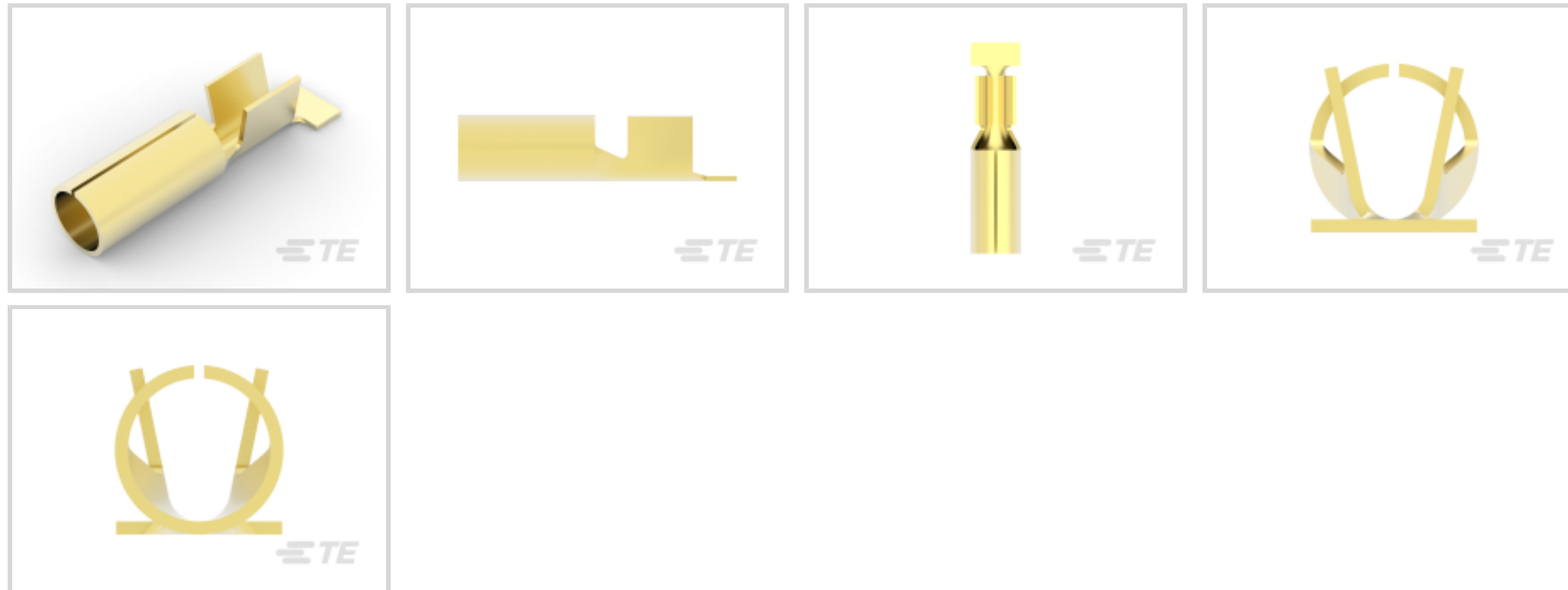
4.57 mm [.18 in], 14 – 10 AWG Wire Size, 2 – 6 mm² Wire Size,

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: **9600 CMA**

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, 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	Unplated
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	9600 CMA
Barrel Inside Diameter	1.9 mm [.075 in]
Terminal Material Thickness	.39 mm [.016 in]



Overall Product Length	18.29 mm[.72 in]
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Usage Conditions

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

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Other

Terminals & Splices Comment	No indent.
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1217074-2
 SHUR PLUG,180,REC.,2 X 8 AWG,TPBR



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 # 2-2150740-2
 OCEAN_2.0 APPLICATOR-E-130F



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



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



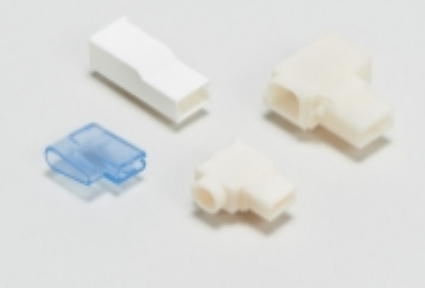
TE Part # 7-2150740-2
 OCEAN_2.0 APPLICATOR-E-130F



KIT
 REPRESENTATION ONLY

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)

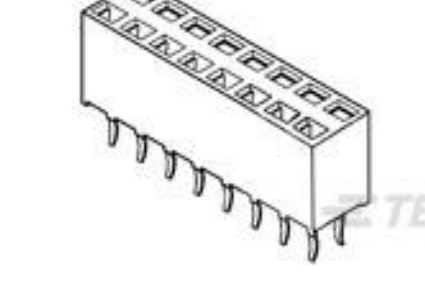


Special Purpose Terminals(1)

Customers Also Bought



TE Part #55148-1
 TERMINAL,PIDG R 22-16 10



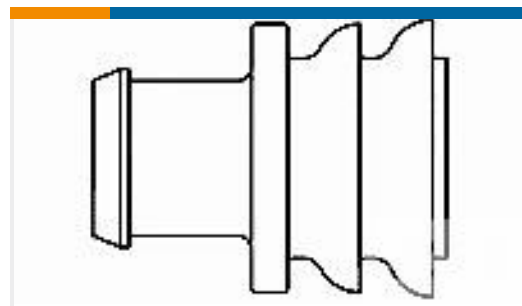
TE Part #1-215309-0
 2X10P HV100 REC CON. TE, 8.5MM



TE Part #42891-2
 SHUR PLUG 180 RECEPTACLE 14-10
 AWG TPBR



TE Part #63596-1
 187 FASTON REC 18-14 AWG BR



TE Part #281934-3
SINGLE WIRE SEAL



TE Part #1658622-7
30 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #61187-1
250 FASTON FLAG REC 12-10 AWG
PHBZ



TE Part #770077-1
04P .093 COMM P&S PLUG HSG
PHBZ



TE Part #D61414-000
B-155-1501



TE Part #62358-1
PIN .080 (2.03 MM) 24-20 AWG TPBR

Documents

Product Drawings

SHUR PLUG 180 RECEPTACLE 14-10 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42891-1_Z1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42891-1_Z1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42891-1_Z1.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English