

SHUR-PLUG 180

TE Internal #: 62416-1

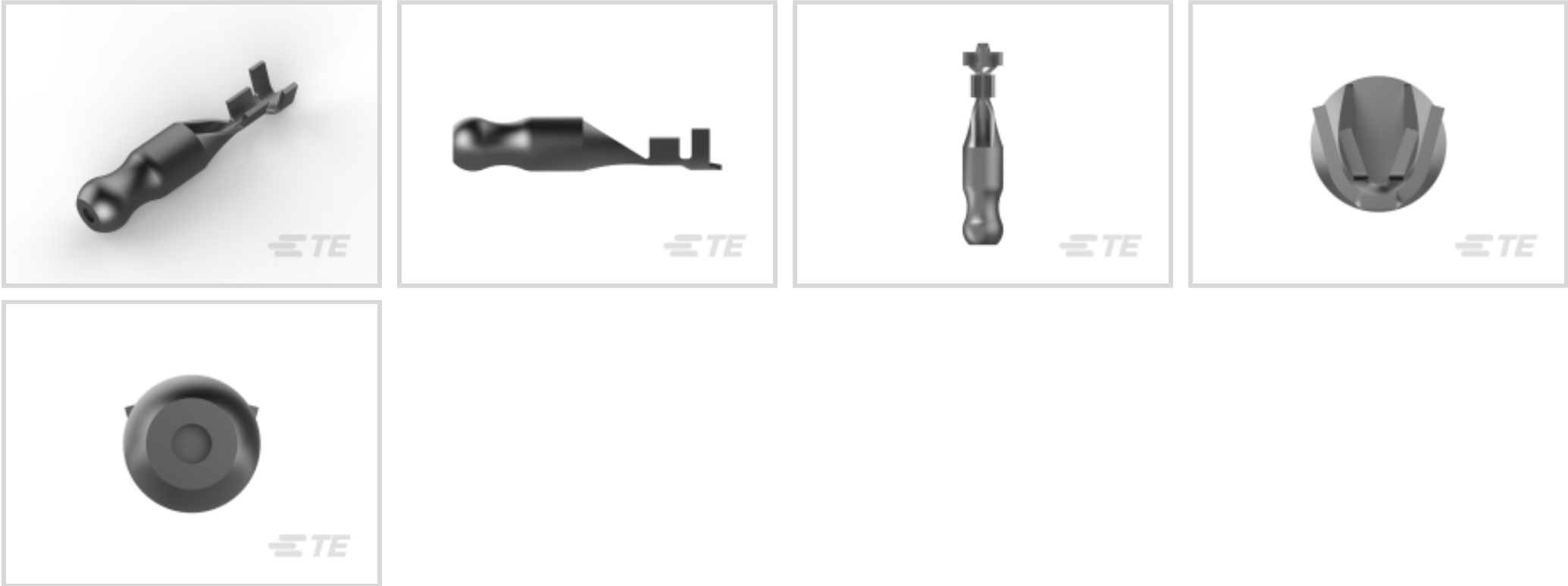
Shur-Plug, 4.57 mm [.18 in] Pin Diameter, 24 – 20 AWG, .2 – .6 mm²

Wire, 404 – 1021 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]**
Compatible Insulation Diameter Range: **2.08 mm, 1.47 – 2.08 mm [.082 in, .058 – .082 in]**
Wire Size: **.2 – .6 mm²**

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	Tin
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2.08 mm, 1.47 – 2.08 mm[.082 in][.058 – .082 in]
Wire Size	404 – 1021 CMA



Barrel Inside Diameter	.76 mm, 2.54 mm[.03 in][.1 in]
Terminal Material Thickness	.46 mm[.018 in]
Overall Product Length	21.97 mm[.865 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

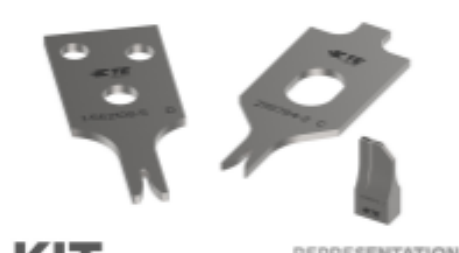
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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





KIT

REPRESENTATION ONLY

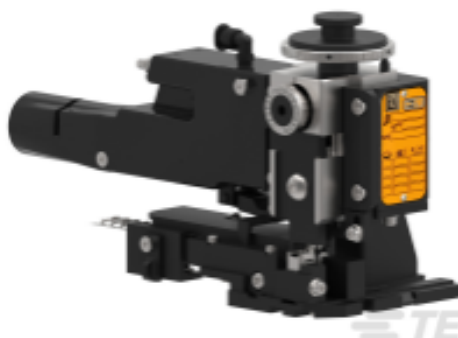
TE Part # 7-2837264-7

[OCEAN_2.0_SPARE_PART_KIT-070F140F](#)



TE Part # 2837264-1

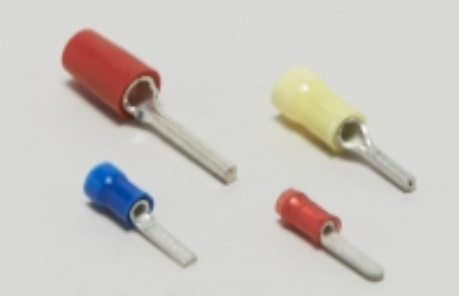
[OCEAN_2.0_APPLICATOR-S-070F140F-SSM](#)



TE Part # 2837264-2

[OCEAN_2.0_APPLICATOR-S-070F140FA-SSA](#)

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



[Crimp Wire Pins, Tabs & Ferrules\(37\)](#)



[Insulation Boots & Sleeves\(6\)](#)



[Special Purpose Terminals\(1\)](#)

Customers Also Bought



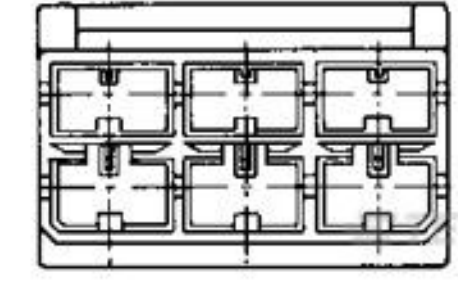
TE Part #2-1879456-3

[TE 2000W 68R 5% Bracket](#)



TE Part #60799-5

[SHUR PLUG 180 RECEPTACLE 18-14 AWG TPBR](#)



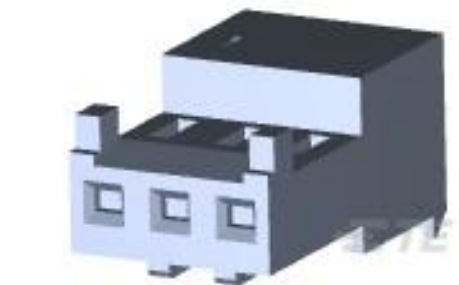
TE Part #926330-1

[PL 250 REC HSG 6P NYLON BLACK](#)



TE Part #42282-2

[FF 250 REC 18-14AWG TPBR LP](#)



TE Part #3-644043-3

[03P MTA100 CONN ASSY LF](#)



TE Part #60650-2

[250 FASTON FLAG REC 18-14 AWG TPBR](#)



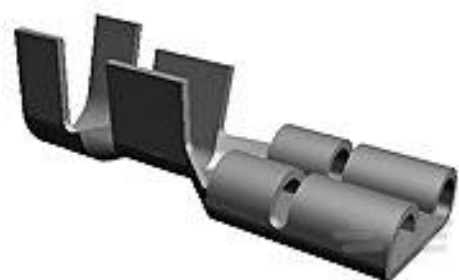
TE Part #3-641219-5

[05P MTA156 CONN ASSY 22AWG LF](#)



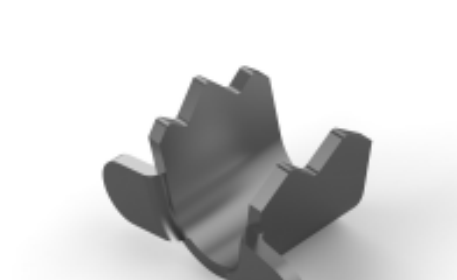
TE Part #292303-1

[Std USB Type A, R/A, T/H](#)



TE Part #63537-2

[250 FASTON REC 18-14 TPBR](#)



TE Part #61831-1

[WING TYPE STRAIN RELIEF TPST](#)



Documents

Product Drawings

SHUR PLUG .180 24-22 AWG TNIBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62416-1_J_c-62416-1-j.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62416-1_J_c-62416-1-j.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62416-1_J_c-62416-1-j.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