42581-2 ✔ ACTIVE

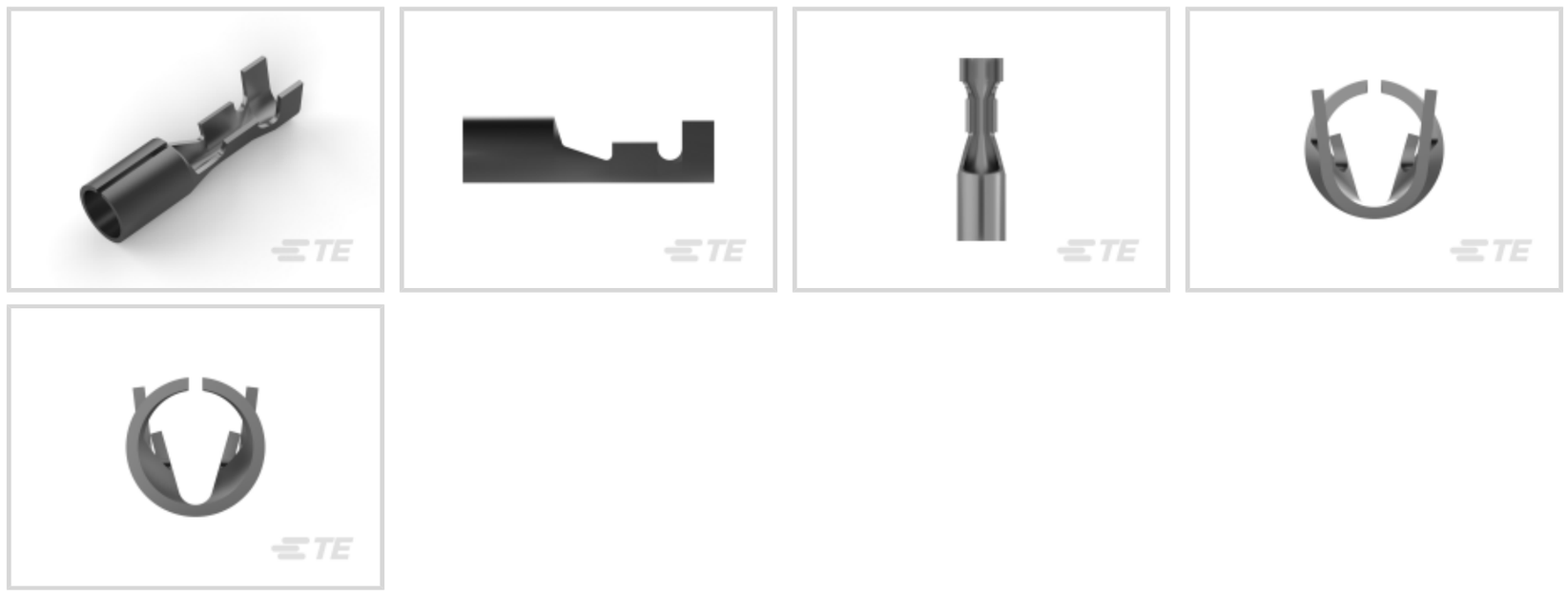
SHUR-PLUG 156

TE Internal #: 42581-2

Shur-Plug, Mating Pin Diameter 3.96 mm [.156 in], 22 – 18 AWG Wire Size, .3 – .8 mm² Wire Size, SHUR-PLUG 156, Crimp Wire Pins, Tabs & Ferrules

View on TE.com >

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



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

Mating Pin Diameter: **3.96 mm [.156 in]**

Compatible Insulation Diameter Range: **3.17 mm, 2.16 – 3.17 mm [.125 in, .085 – .125 in]**

Wire Size: **.3 – .8 mm²**

Features

Contact Features

Crimp Wire Terminal Type	Shur-Plug
Mating Pin Diameter	3.96 mm[.156 in]
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

Dimensions

Compatible Insulation Diameter Range	3.17 mm, 2.16 – 3.17 mm[.125 in][.085 – .125 in]
Wire Size	642 – 1624 CMA
Barrel Inside Diameter	1.14 mm, 2.79 mm[.11 in][.045 in]
Terminal Material Thickness	.39 mm[.016 in]
Overall Product Length	17.53 mm[.69 in]

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Mechanical Attachment

Wire Insulation Support	With

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

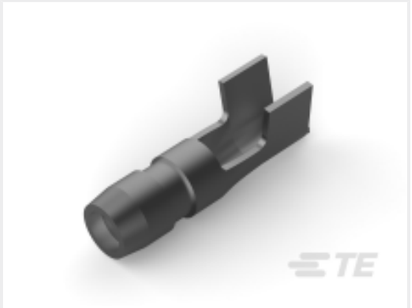
Product Compliance Disclaimer

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 # 60017-3
RIGHT ANGLE SHUR PLUG REC 20-16 0.41 BR



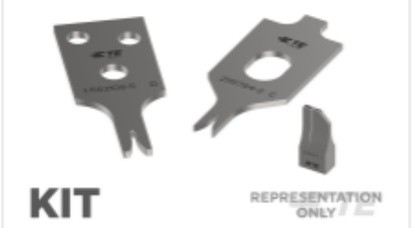
TE Part # 63925-1
SHUR PLUG .156 Dia 14-12 AWG PTPBR



TE Part # 2150385-1
OCEAN_2.0_Applicator-E-080F140F-REM

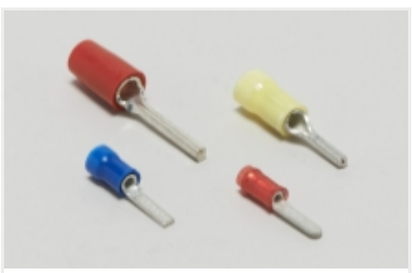


TE Part # 2150385-2
OCEAN_2.0_Applicator-E-080F140F-REA



TE Part # 7-2150385-7
OCEAN_2.0_SPARE_PART_KIT-080F140F

Also in the Series | SHUR-PLUG 156



Crimp Wire Pins, Tabs & Ferrules(28)



Special Purpose Terminals(1)

Customers Also Bought



TE Part #2297813-2
BASE ASSY, 38 POSN ISO FUSE AND RELAY



TE Part #330896-2
PIDG 16-14 HD R 3/8, TAPE



TE Part #170887-1
SLEEVE DIA5 SHUR PLUG NAT



TE Part #42452-2
187 FASTON REC 20-16 AWG TPBR



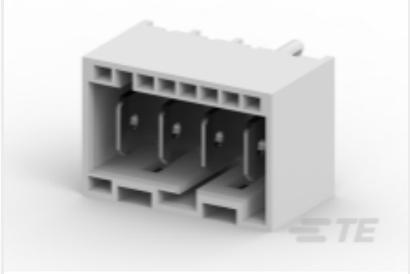
TE Part #1-480698-1
02P UMNL PLUG HSG BRN



TE Part #32190
TERMINAL,DG R 16-14 6



TE Part #170889-1
SLEEVE DIA5 SHUR PLUG NAT



TE Part #2292457-4
4P, RAST 5 HEADER, PL, SHROUDED

TE Part #5885930011
TRSA-1019/E/1/C

TE Part #2337101-2
2P RAST 5 SHROUDED HEADER

Documents

Product Drawings

SHUR PLUG 156 RECEPTACLE 22-18 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42581-2_W1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42581-2_W1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42581-2_W1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English