42142-1 ✔ ACTIVE

SHUR-PLUG 156

TE Internal #: 42142-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter 3.96 mm [.156 in], 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, SHUR-PLUG 156

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: **3.3 – 4.44 mm, 4.44 mm [.13 – .174 in, .175 in]**

Wire Size: **.8 – 2 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	3.3 – 4.44 mm, 4.44 mm[.13 – .174 in][.175 in]
Wire Size	1624 – 4106 CMA

Barrel Inside Diameter	2.15 mm, 3.68 mm[.085 in][.145 in]
Terminal Material Thickness	.39 mm[.016 in]
Overall Product Length	17.65 mm[.695 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	12000
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

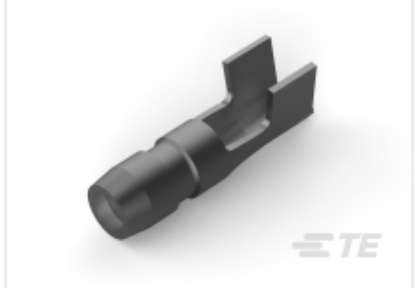
Product Compliance Disclaimer

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 # 62757-1
225 DIA PIN 18-14 016BR

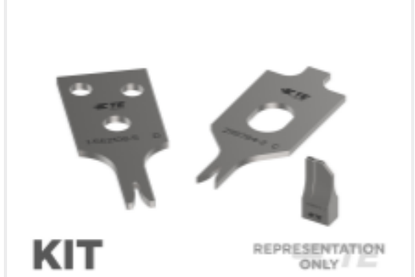


TE Part # 63925-1
SHUR PLUG .156 Dia 14-12 AWG PTPBR

TE Part # 2150294-1
OCEAN_2.0_APPLICATOR-E-110F180F

TE Part # 2150294-2
OCEAN_2.0_APPLICATOR-E-110F180FA

TE Part # 7-2150294-2
OCEAN_2.0_APPLICATOR-E-110F180FA



TE Part # 7-2150294-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

Also in the Series | SHUR-PLUG 156

Crimp Wire Pins, Tabs & Ferrules(29)

Special Purpose Terminals(1)

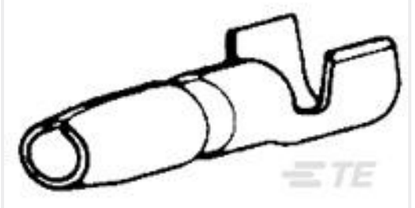
Customers Also Bought

TE Part #170889-2
SLEEVE DIA3 SHUR PLUG NAT

TE Part #40725
RING 190(4.82MM)TERMINAL 18-14 AWG TPBR

TE Part #60320-2
AMPLIVAR RG 18-14 #8 TPBR

TE Part #60322-2
AMPLIVAR RG 20-16 8 TPBR



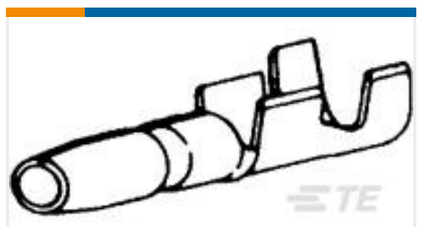
TE Part #1217606-1
.156 DIA SHUR PLUG PTPBR

TE Part #2-172131-1
FF 250 REC HSG 3P NYLON NAT

TE Part #2-172132-1
FF 250 PLUG HSG 3P NYLON NAT

TE Part #DT04-3P-C015
REC, 3P, GRY, E

TE Part #640903-2
RECEPT,PIDG FASTON 22-18 250



TE Part #60766-2
SHUR PLUG .156 18-14 AWG PTPBR

Documents

Product Drawings

SHUR PLUG TERMINAL 18-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42142-1_BC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42142-1_BC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42142-1_BC.3d_stp.zip

English

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Product Specifications

Application Specification

English