42581-2 ✔ ACTIVE

SHUR-PLUG 156

TE Internal #: 42581-2

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter 3.96 mm [.156 in], 22 - 18 AWG Wire Size, .3 - .8 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: **2.16 - 3.17 mm, 3.17 mm [.085 - .125 in, .125 in]**

Wire Size: **.3 - .8 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	2.16 - 3.17 mm, 3.17 mm[.085 - .125 in][.125 in]

Wire Size	642 - 1624 CMA
Barrel Inside Diameter	1.14 mm, 2.79 mm[.045 in][.11 in]
Terminal Material Thickness	.39 mm[.016 in]
Overall Product Length	17.53 mm[.69 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

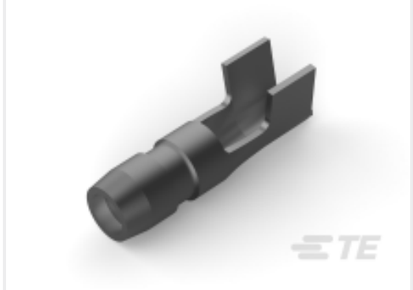
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 # 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

TE Part # 7-2150385-1
OCEAN_2.0_Applicator-E-080F140F

TE Part # 7-2150385-2
OCEAN_2.0_Applicator-E-080F140F

Also in the Series | SHUR-PLUG 156

Crimp Wire Pins, Tabs & Ferrules(29)

Special Purpose Terminals(1)

Customers Also Bought

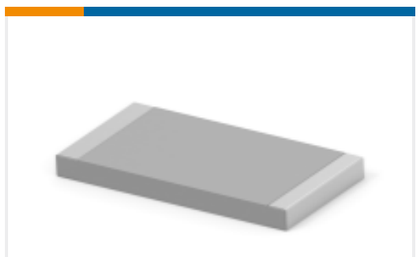
TE Part # 380598-1
RCR AU-SPR AU-CUP 018-040

TE Part # 36189
BUDG R 22-16 COMM 22-18 MIL 4

TE Part # 170887-1
SLEEVE DIA5 SHUR PLUG NAT

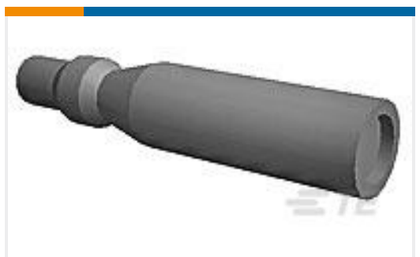
TE Part # 60799-5
SHUR PLUG 180 RECEPTACLE 18-14 AWG TPBR

TE Part # 1623104-1
CRG0805 1% 11K

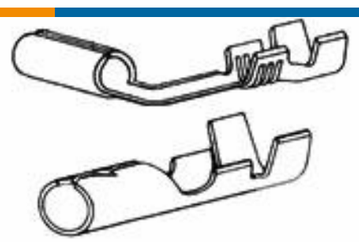


TE Part # 1-2176331-9
CRGP 2512 330R 1%

TE Part # 1534159-1
TAB HOUSING 2.8 4P,RD



TE Part # 170889-1
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 42142-2
SHUR PLUG TERMINAL 18-14 AWG BR

TE Part # 2415-001-2405
PROTECT CVR, 24SZ, REC, RED, HDP

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

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Product Specifications

Application Specification

English