

SHUR-PLUG 156

TE Internal #: 42581-2

Shur-Plug, 3.96 mm [.156 in] Pin Diameter, 22 – 18 AWG, .3 – .8 mm² Wire, 642 – 1624 CMA, Open Barrel, Tin Plating, 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: **3.17 mm, 2.16 – 3.17 mm [.125 in, .085 – .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	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[.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 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



TE Part # 2150385-1
[OCEAN_2.0_Applicator-E-080F140F-REM](#)



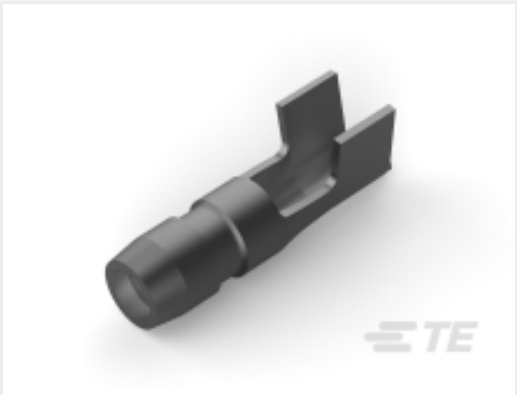
TE Part # 2150385-2
[OCEAN_2.0_Applicator-E-080F140F-REA](#)



TE Part # 7-2150385-7
[OCEAN_2.0_SPARE_PART_KIT-080F140F](#)

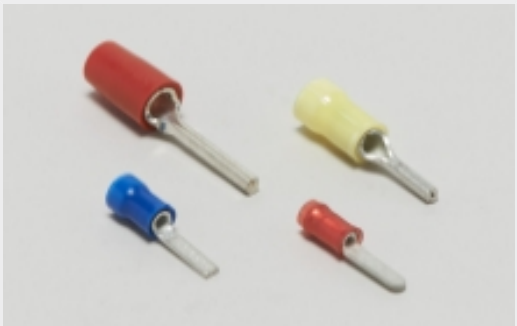


TE Part # 60017-3
[RIGHT ANGLE SHUR PLUG REC 20-16 0.41 BR](#)



TE Part # 63925-1
[SHUR PLUG .156 Dia 14-12 AWG PTPBR](#)

Also in the Series | **SHUR-PLUG 156**



[Crimp Wire Pins, Tabs & Ferrules\(28\)](#)



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

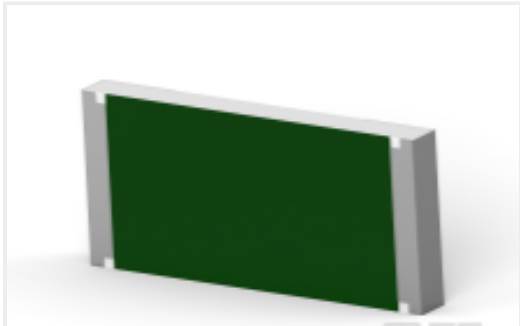
Customers Also Bought



TE Part #1-1624097-0
[3615A-10-3521-10 4.7UH](#)



TE Part #380598-1
[RCR AU-SPR AU-CUP 018-040](#)



TE Part #8-2176404-6
[3550 18R 5%](#)



TE Part #1-2834011-5
[5POS 3.5MM TOP ENTRY SCREWLESS CONN.](#)



TE Part #207397-1
[HSG,RECEPT 10 POSN,METRIMATE](#)



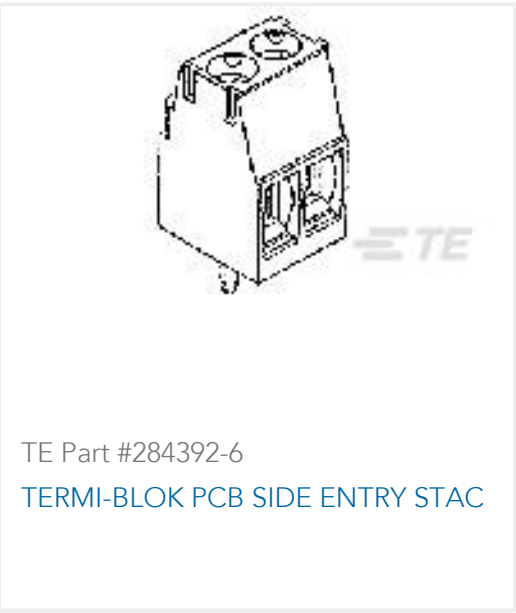
TE Part #284392-5
[TERMI-BLOK PCB SIDE ENTRY STAC](#)



TE Part #L9000077-01
[ANTENNA IND DIPOLE 2.4GHZ RG58 2M SMA](#)



TE Part #L9000159-01
[ANTENNA IND DIPOLE 916MHZ RG58 2M SMA](#)



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