62416-1 ✔ ACTIVE

SHUR-PLUG 180

TE Internal #: 62416-1

Shur-Plug, Mating Pin Diameter 4.57 mm [.18 in], 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, SHUR-PLUG 180, 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: **4.57 mm [.18 in]**

Compatible Insulation Diameter Range: **1.47 – 2.08 mm, 2.08 mm [.058 – .082 in, .082 in]**

Wire Size: **.2 – .6 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	4.57 mm[.18 in]
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	1.47 – 2.08 mm, 2.08 mm[.058 – .082 in][.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: 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

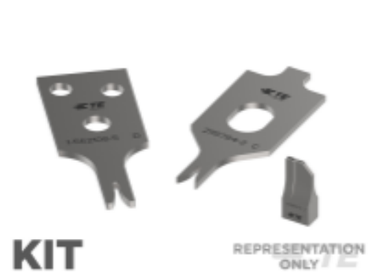
Compatible Parts



TE Part # 2837264-1
OCEAN_2.0_APPLICATOR-S-070F140F-SSM



TE Part # 2837264-2
OCEAN_2.0_APPLICATOR-S-070F140FA-SSA



TE Part # 7-2837264-7
OCEAN_2.0_SPARE_PART_KIT-070F140F

Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)

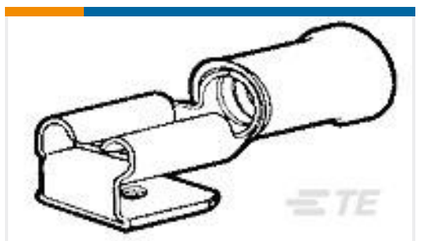


Crimp Wire Pins, Tabs & Ferrules(37)



Special Purpose Terminals(1)

Customers Also Bought



TE Part #160834-2
PIDG PIGGY-B FASTON



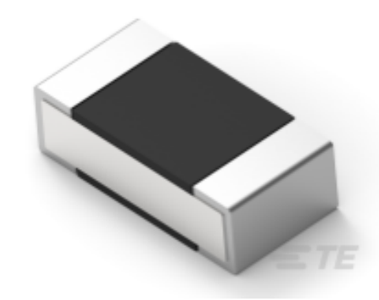
TE Part #5205868-1
15 RCPT RA/MS STD



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



TE Part #7-1393246-5
W23-X1A1G-5=W23/W31-



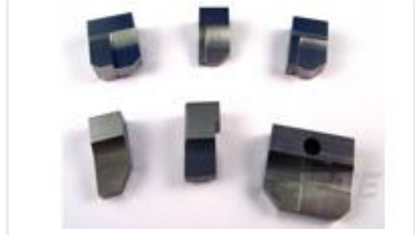
TE Part #9-2176306-3
RP 1E 0.1W 10K5 0.1% 25PPM 5K RL



TE Part #2-456408-8
CRIMPER WIRE .110 "F"



TE Part #2-1633961-3
CRIMPER, INSUL F PREMIUM



TE Part #3-1633384-5
ANVIL, COMBINATION



TE Part #8-324172-2
TERMINAL,PG SPD FLG 12-10 8

TE Part #7-690482-9
PLATE, FRONT SHEAR

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

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Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SMW73R0JT 1-962915-1 175977-2 2380312-2 SBCHE154R7K RH73H2A40MKTN 141991-2 1903112-2 2310537-1 3-1393225-0 650075-000 2005330-1 917696-1 936348-1 U5254-000005-030PA 1393431-1 2-292161-3 2377783-2 TE50BR39J 1743455-2 1969656-1 3430B2F51RTDF 3631B101LL 1-794222-0 CPF0402B37K4E1 MPT100C18RF 2834055-1 ROX05SJ18R SBCHE64R7K CRGCQ2010J3K3