521844-1 ✔ ACTIVE

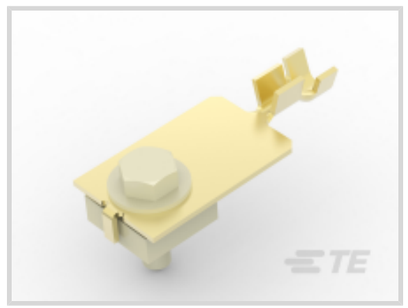
Appliance Connectors

TE Internal #: 521844-1

Ring, 16 – 12 AWG Wire Size, 1.3 – 3.3 mm² Wire Size, Unplated Plating, Length 34.61 mm [1.362 in], Appliance Connectors, Special Purpose Terminals

View on TE.com >

Terminals & Splices > Special Purpose Terminals



Special Purpose Terminal Type: **Ring**

Wire Size: **1.3 – 3.3 mm²**

Terminal Material Thickness: **.76 mm [.03 in]**

Terminal Plating Material: **Unplated**

Features

Contact Features

Special Purpose Terminal Type	Ring
Terminal Plating Material	Unplated
Terminal Orientation	Straight
Barrel Type	Open

Dimensions

Wire Size	1.3 – 3.3 mm²
Terminal Material Thickness	.76 mm[.03 in]
Product Length	34.61 mm[1.362 in]
Compatible Insulation Diameter (Max)	4.06 mm[.16 in]
Compatible Insulation Diameter Range	2.79 – 4.06 mm[.11 – .16 in]

Packaging Features

Packaging Method	Reel
Packaging Quantity	1000

Mechanical Attachment

Wire Insulation Support	With

Product Type Features

Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Insulation Option	Uninsulated

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Product Compliance

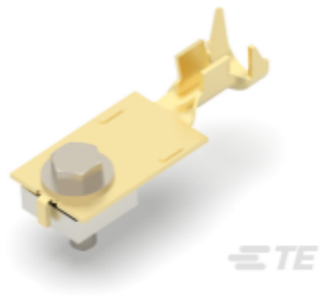
For compliance documentation, visit the product page on TE.com>

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

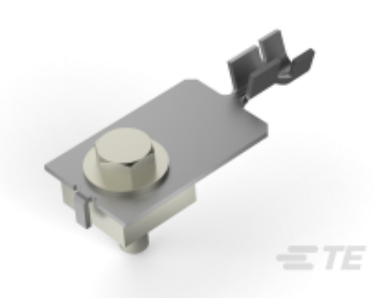
Product Compliance Disclaimer

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

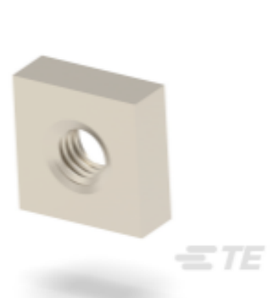


TE Part # 520936-1
POWER RING 250 ASY 16-10 AWG NL

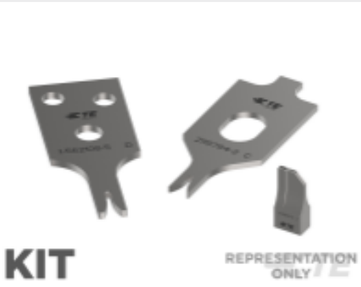


TE Part # 1217851-1
POWER RING SUB- ASSEMBLY 18-14 AWG

TE Part # 2151316-2
OCEAN_2.0_APPLICATOR-S-140F220O-SSA

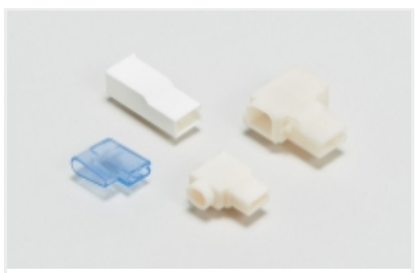


TE Part # 521624-1
10-24 NUT



TE Part # 7-2151316-7
OCEAN_2.0_SPARE_PART_KIT-140F220O

Also in the Series | Appliance Connectors



Crimp Terminal Housings(1)

Special Purpose Terminals(10)

Customers Also Bought

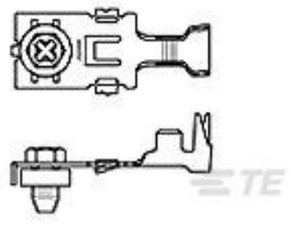
TE Part #1969443-9
EP 2.5 TPA Retainer, 9 Pos

TE Part #62591-1
187 FASTON FLAG REC 20-16 AWG TPBR

TE Part #1897058-1
CONNECTOR .125/.250 SERIES

TE Part #1743067-2
TERMINAL BLOCK FOR DRYER

TE Part #1969825-8
EP 2.5 TPA RETAINER, 8 POS



TE Part #521843-1
POWER BLOCK ASSEMBLY 16-12 AWG PTPBR

TE Part #1-1743216-1
GAS VALVE 2P HSG

TE Part #1-1743217-1
GAS VALVE 3P HSG

Documents

Product Drawings

POWER BLOCK ASSEMBLY 16-12 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521844-1_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521844-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521844-1_B1.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Power Ring, Housing and Terminal Assemblies

Japanese

Product Specification

Japanese

Power Ring, Housing and Terminal Assemblies

English

Agency Approvals

UL Report

English