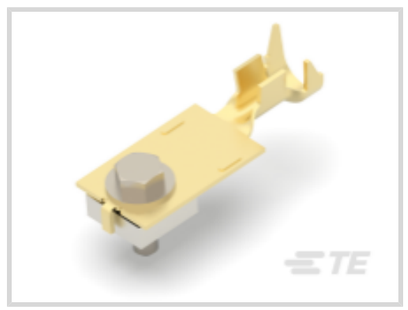
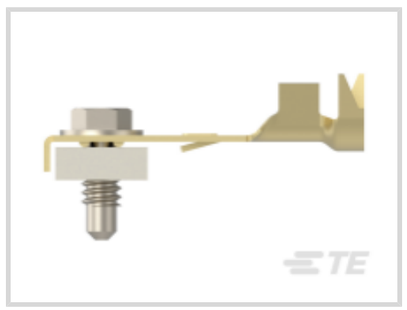
520936-1 ✔ ACTIVE

TE Internal #: 520936-1

Ring, 16 – 10 AWG, 1.3 – 5.26 mm² Wire, Straight, Box, Unplated Plating, 38.1 mm [1.5 in] Length, Wire Insulation Support, -40 – 110 °C [-40 – 230 °F]

View on TE.com >

Terminals & Splices > Special Purpose Terminals




Special Purpose Terminal Type: **Ring**

Wire Size: **1.3 – 5.26 mm²**

Terminal Material Thickness: **.38 mm [.015 in]**

Terminal Plating Material: **Unplated**

Features

Product Type Features

Wire Insulation Support Retention Type	Insulation Support
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Contact Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	1.3 – 5.26 mm²
Terminal Material Thickness	.38 mm[.015 in]
Product Length	38.1 mm[1.5 in]

Compatible Insulation Diameter (Max)	7.87 mm[.31 in]
Compatible Insulation Diameter Range	5.59 – 7.87 mm[.22 – .31 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	800
Packaging Method	Box

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

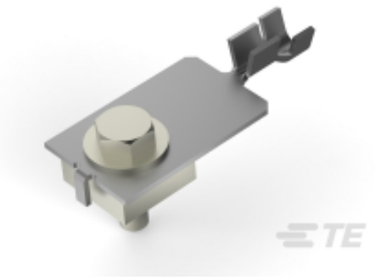
Product Compliance Disclaimer

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

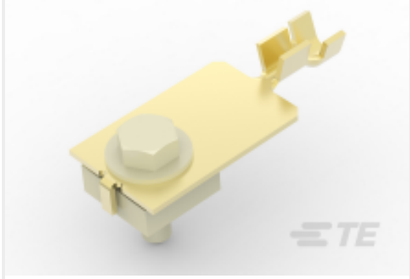
Compatible Parts



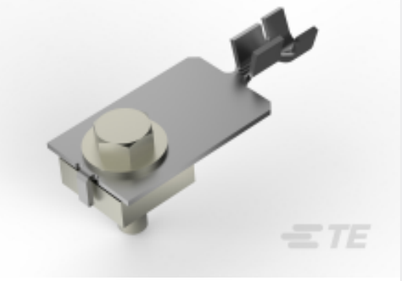
TE Part # 521624-1
10-24 NUT



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



TE Part # 521844-1
POWER BLOCK ASSEMBLY 16-12 AWG BR



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

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



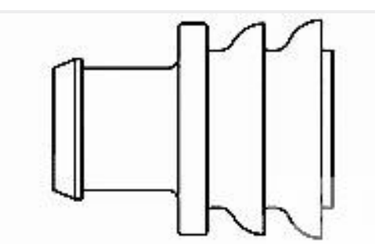
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

POWER RING 250 ASY 16-10 AWG NL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_520936-1_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_520936-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_520936-1_T.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

Product Specification

English

Agency Approvals

UL Report

English

UL Report

English