



Appliance Connectors

TE Internal #: 521843-1
Ring, 16 – 12 AWG, 1.3 – 3.3 mm² Wire, Pre-Tin Plating, Length
34.61 mm [1.362 in], Reel, Appliance Connectors, Special Purpose
Terminals

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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: **Pre-Tin**

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Usage Conditions

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

Product Type Features

Wire Insulation Support Retention Type	Insulation Support
Sealable	No

Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

Contact Features

Barrel Type	Open
Special Purpose Terminal Type	Ring
Terminal Plating Material	Pre-Tin



Terminal Orientation	Straight
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Mechanical Attachment

Wire Insulation Support	With
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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]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

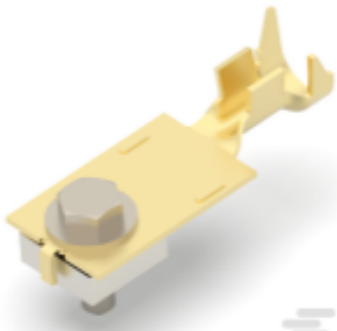
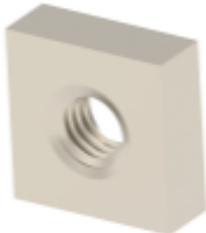
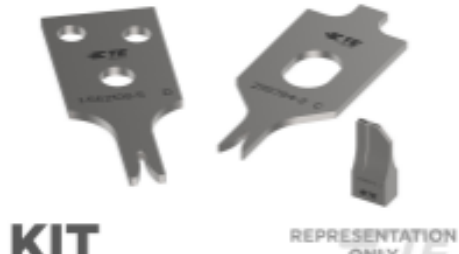
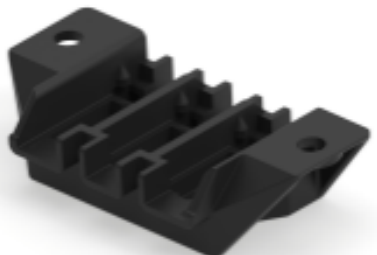
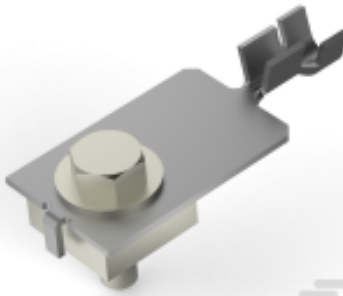
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

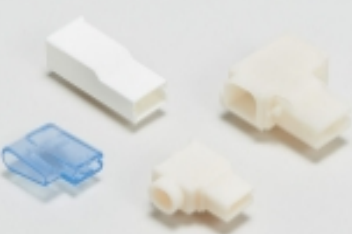
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>



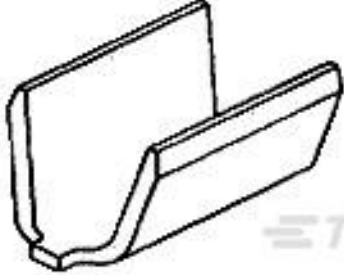
Compatible Parts

 TE Part # 520936-1 POWER RING 250 ASY 16-10 AWG NL	 TE Part # 1743067-2 TERMINAL BLOCK FOR DRYER	 TE Part # 521624-1 10-24 NUT	 TE Part # 1743067-3 TERMINAL BLOCK FOR DRYER
 TE Part # 7-2151316-7 OCEAN_2.0_SPARE_PART_KIT-140F220O	 TE Part # 2238272-1 TERMINAL BLOCK, DRYER, PBT	 TE Part # 1217851-1 POWER RING SUB- ASSEMBLY 18-14 AWG	 TE Part # 2151316-2 OCEAN_2.0_APPLICATOR-S-140F220O-SSA

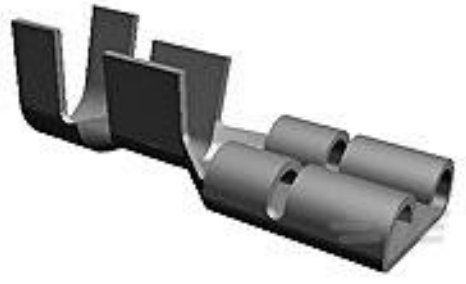
Also in the Series | Appliance Connectors

 Crimp Terminal Housings(1)	 Special Purpose Terminals(10)
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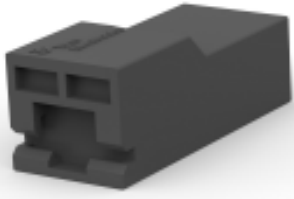
Customers Also Bought

 TE Part #177898-1 POWER DBL LOCK PLUG HSG 2P	 TE Part #62591-1 187 FASTON FLAG REC 20-16 AWG TPBR	 TE Part #61795-1 RING 18-14 AWG TPST	 TE Part #63625-1 SPLICE 5000-16000 .025 BR
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TE Part #63306-1
250 FASTON REC 18-14 AWG BR



TE Part #1-1969186-1
312 FASTON HSG.,REC.,BLACK



TE Part #1-2178029-3
3P ST-TIMER GEH V0



TE Part #1740533-5
AMP DUOPLUG POW CONN. 5POS
W.PCB LOCKING



TE Part #6-2293382-2
AMP MONO-SHAPE TAB CONN 2P. G



TE Part #170328-3
250 PL MKII REC. 18-14AWG PTBR

Documents

Product Drawings

POWER BLOCK ASSEMBLY 16-12 AWG PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521843-1_B_c-521843-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521843-1_B_c-521843-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521843-1_B_c-521843-1-b.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

114-2087

English

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