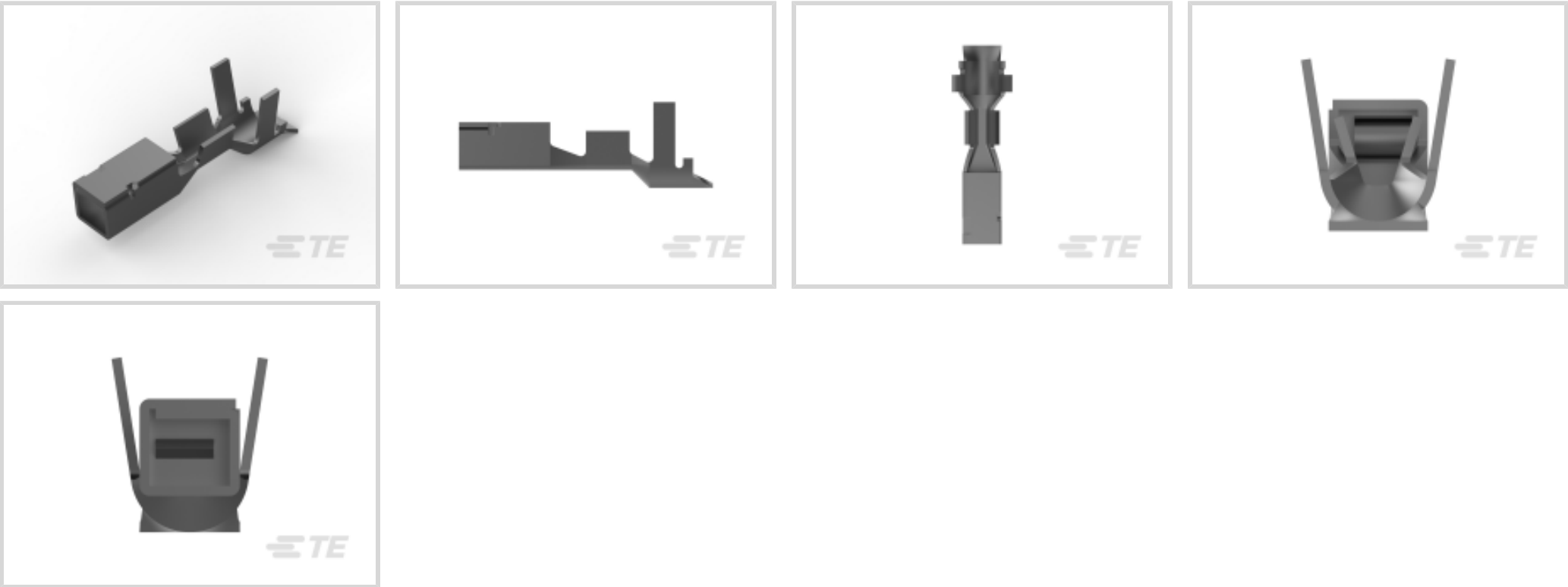




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **300 VAC**
Contact Retention Within Housing: **With**

Features

Industry Standards

Compatible With Agency/Standards Products	CSA
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Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	1.7 – 2.7 mm[.067 – .106 in]
Wire Size	.2 – .52 mm²

Contact Features

Contact Orientation	Straight
Mating Tab Width	1.5 mm[.06 in]
Contact Shape & Form	Dual Beam



Mating Tab Thickness	.5 mm[.02 in]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	7 A

Electrical Characteristics

Operating Voltage	300 VAC
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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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

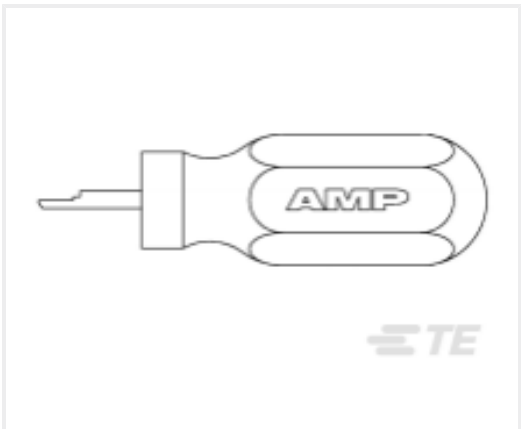
Product Compliance Disclaimer

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 # CAT-G7534-P729A
Glow Wire GRACE INERTIA Plug



TE Part # 1463644-1
EXT-TOOL,5.0 POWER KEY CONN.



TE Part # 1746063-3
2.5mm SDL PLUG HSG 14P NAT



TE Part # 2151130-1
OCEAN_2.0_Applicator-S-062F130F-RSM



TE Part # 2151130-2
OCEAN_2.0_Applicator-S-062F130F-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 7-2151130-7
OCEAN_2.0_SPARE_PART_KIT-062F130F

Also in the Series | Power Key 5.0



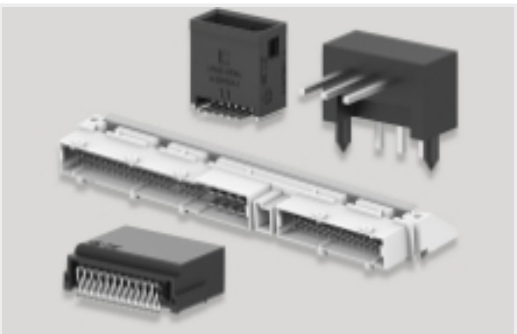
Connector Contacts(4)



Connector Hardware(4)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(88)

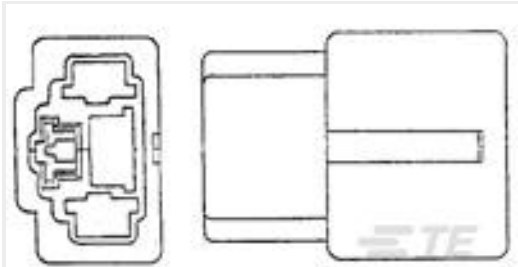


Rectangular Power Connectors(51)

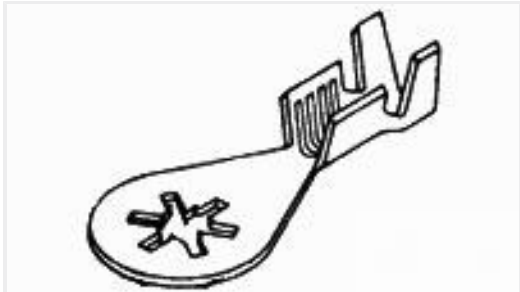
Customers Also Bought



TE Part #1376393-1
STD Temp Power Key Plug



TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #61795-6
RING 18-14 AWG TPBR



TE Part #1217094-1
RCPT 250 POS-LOCK 18-14 0126BR



TE Part #3-1747050-4
Glow Wire GRACE INERTIA Plug



TE Part #1827395-1
GIC 3.3 REC CONTACT TIN PLATE



TE Part #456424-5
CRIMPER, WIRE .130 "F"

Documents

Product Drawings

5MM POWER KEY CONN REC CONT M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1376348-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1376348-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1376348-1_E.3d_stp.zip

English

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



Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

1-1773873-1 6.0mm GRACE INERTIA connector flyer

English

1-1773883-5 GRACE INERTIA connector quick reference guide

English

1-1773881-9 Power Key Connector Quick Reference Guide

English

Product Specifications

Application Specification

English

Instruction Sheets

The extraction tool for 5MM Power Key Contact

English

Instruction Sheet (non U.S.)

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English