



Power Key 5.0

TE Internal #: 1376347-1

Receptacle Contact, Tin (Sn), 300 VAC, 20 – 16 AWG, .5 – 1.25 mm²

Wire, 1020 – 2580 CMA, Crimp, Copper Alloy, Power, Power Key 5.0

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **300 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Underplating Material	Copper
Contact Orientation	Straight
Contact Underplating Material Thickness	.5 μm[19.69 μin]
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.8 μm[31.5 μin]
Barrel Type	Open
Contact Mating Area Plating Material Finish	Matte
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)



Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	10 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2 – 3.1 mm [.078 – .122 in]
Wire Size	1020 – 2580 CMA

Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

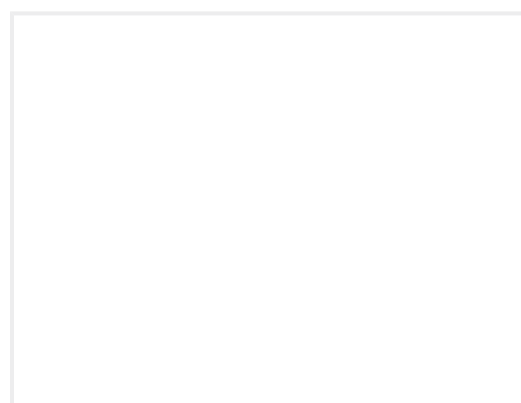
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

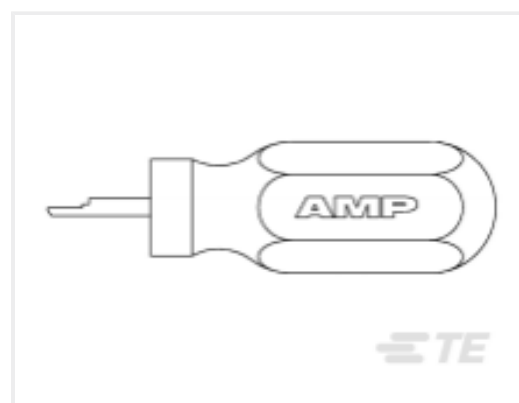
Product Compliance Disclaimer

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 # 2421845-1
CCII 5.0 POWER KEY 20-16 ASSY



TE Part # 1463644-1
EXT-TOOL,5,0 POWER KEY CONN.



TE Part # 7-2151079-7
OCEAN_2.0_SPARE_PART_KIT-080F130F



TE Part # 1747047-1
GRACE INERTIA CONNECTOR 6.5 3POS PLUG HO



TE Part # 2151079-1
OCEAN_2.0_APPLICATOR-S-080F130F-RSM

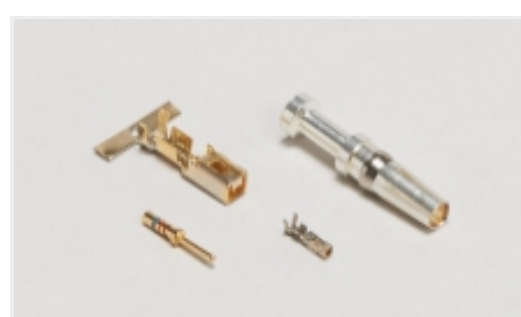


TE Part # 2151079-2
OCEAN_2.0_APPLICATOR-S-080F130F-RSA




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


Also in the Series | Power Key 5.0



Connector Contacts(4)



Connector Hardware(4)



Insertion & Extraction Tools(1)



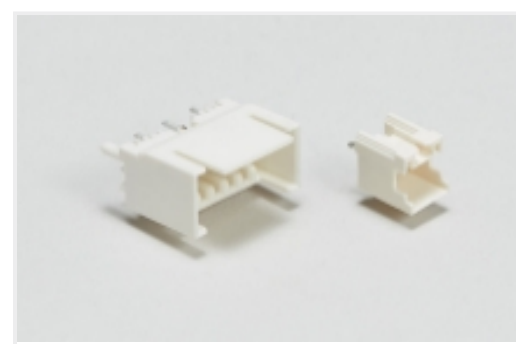
PCB Headers & Receptacles(88)



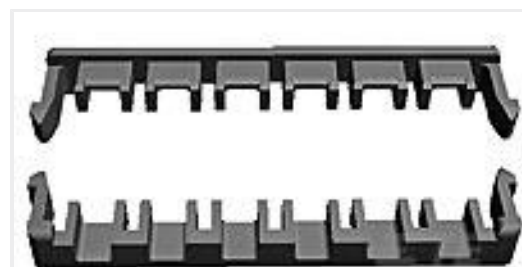
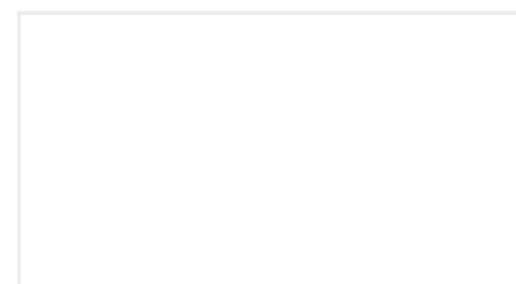
Power Contacts(4)



Rectangular Power Connectors(155)

Wire-to-Board Headers & Receptacles
(88)

Customers Also Bought

TE Part #1376397-1
5MM POWER KEY D/L PLATE GREENTE Part #794785-1
04P UMNL INTERFACE SEALTE Part #CAT-P8704-P729
STD Temp Power Key PlugTE Part #2238155-1
POS LOCK 250 Rec, MKII, 18-14 TPBRTE Part #1897058-1
CONNECTOR .125/.250 SERIESTE Part #2174308-1
POSITIVE LOCK EX .250 (6.3 MM)TE Part #1-1743216-1
GAS VALVE 2P HSGTE Part #1-1743217-1
GAS VALVE 3P HSGTE Part #937190-9
CRIMPER,INSULATION

Documents

Product Drawings

[5MM POWER KEY CONN REC CONT L](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1376347-1_F.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1376347-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1376347-1_F.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