



Power Key 5.0

TE Internal #: 1376347-1

Power Contacts, Contact, 300 VAC, Tin, 20 – 16 AWG Wire Size, .5 – 1.25 mm² Wire Size, 1020 – 2580 CMA Wire Size, Wire & Cable, Crimp, Power Key 5.0

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **300 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.5 – 1.25 mm²**

Features

Product Type Features

Power Contact Type	Contact
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Barrel Type	Open
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	10 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Contact Mating Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.8 μm[31.5 μin]



Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Copper
Contact Underplating Material Thickness	.5 μm[19.69 μin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

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

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 1747047-1 GRACE INERTIA CONNECTOR 6.5 3POS PLUG HO</p>	 <p>TE Part # 1463644-1 EXT-TOOL,5.0 POWER KEY CONN.</p>	 <p>TE Part # 2151079-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>
 <p>TE Part # 2151079-2 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 7-2151079-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 7-2151079-2 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151079-7 OCEAN_2.0_SPARE_PART_KIT-080F130F</p>
 <p>TE Part # 2-2151079-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 2-2151079-2 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 2421845-1 CCII 5.0 POWER KEY 20-16 ASSY</p>	

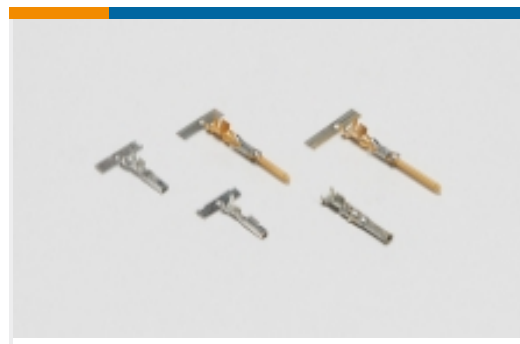
Also in the Series | Power Key 5.0



Insertion & Extraction Tools(1)



PCB Latches, Locks & Retainers(4)



Power Contacts(4)



Rectangular Power Connectors(107)

Customers Also Bought



TE Part #2-2232875-1
GIC6.0MM CONNECTOR PLUG HOUSING 2POS



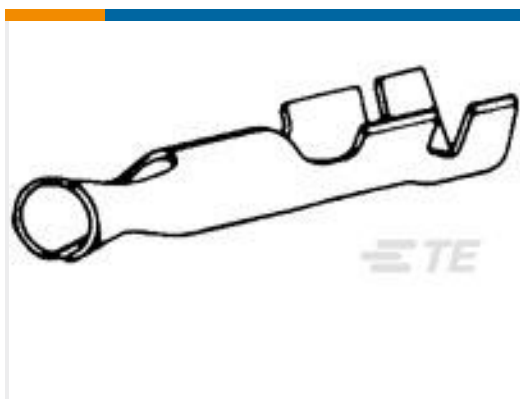
TE Part #1747995-2
GHC EYELET 6.2 3POS PLUG HOUSING RED



TE Part #1376391-1
STD Temp Power Key Plug



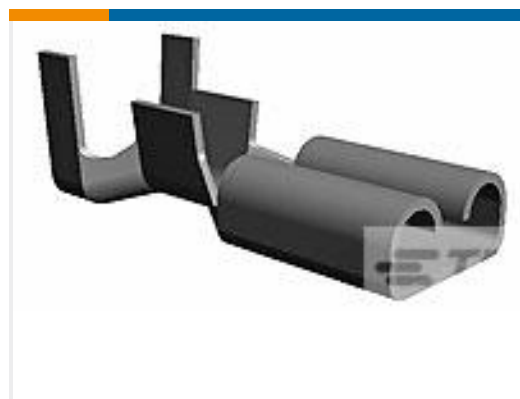
TE Part #1-2335143-1
MINI I/O PLUG KIT TYPE II L,(100pc)



TE Part #42428-8
040 PIN REC IS 24-20 SPPHBZ



TE Part #5-2295787-7
STD TIMER PLUG HSG 7P W/EXT. LOCKING-SP



TE Part #60487-1
187 FASTON REC 18-16 AWG BR



TE Part #2825313-1

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

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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

[5.0 POWER KEY CONNECTOR](#)

Japanese

[Application Specification](#)

Japanese

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

Instruction Sheets

[The extraction tool for 5MM Power Key Contact](#)

English

[Instruction Sheet \(non U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English