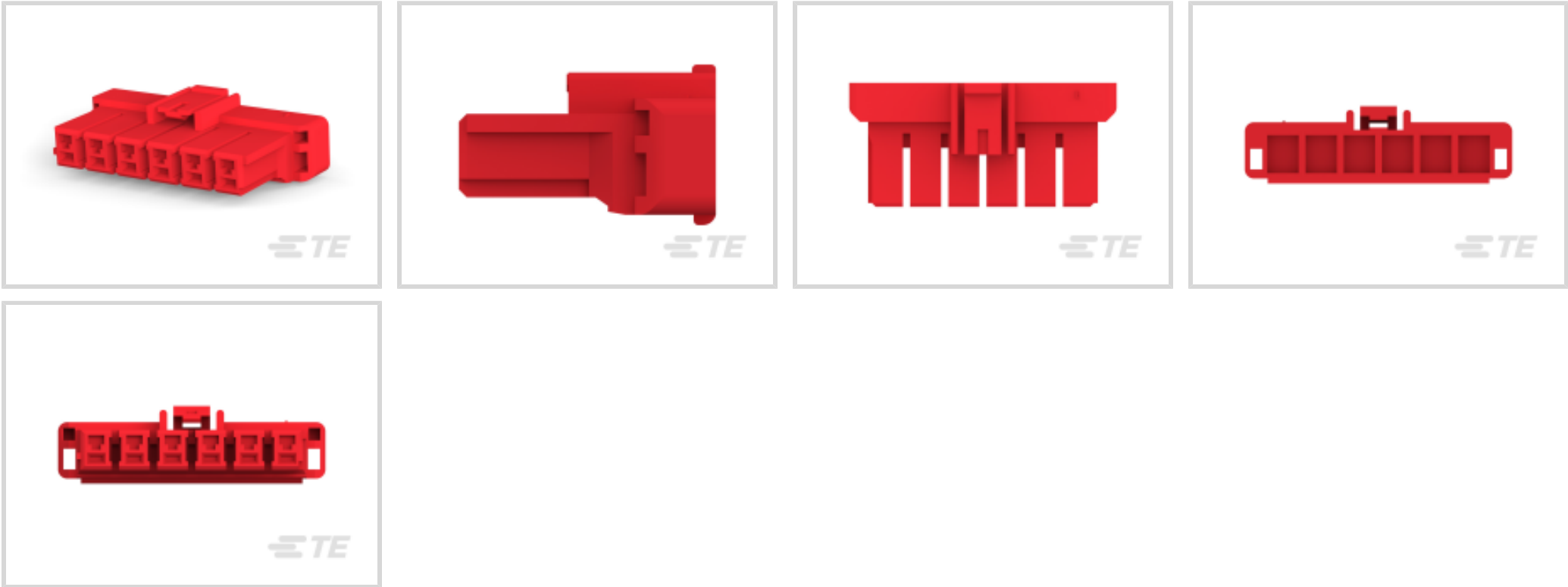




Connectors > Rectangular Connectors > Standard Rectangular Connectors > Glow Wire Power Key Plug



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Mating Alignment: **With**
Mating Alignment Type: **Keyed**
Mating Retention: **With**

[All Glow Wire Power Key Plug \(5\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	0
Number of Power Positions	6
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Red
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Contact Features

Contact Base Material	Copper Alloy
Contact Type	Receptacle
Contact Retention Within Housing	Without
Contact Current Rating (Max)	10 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Compatible Insulation Diameter Range	1.7 – 3.1 mm[.067 – .122 in]
Connector Width	16.2 mm[.638 in]
Connector Height	9.6 mm[.378 in]
Connector Length	25 mm[.984 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized



Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

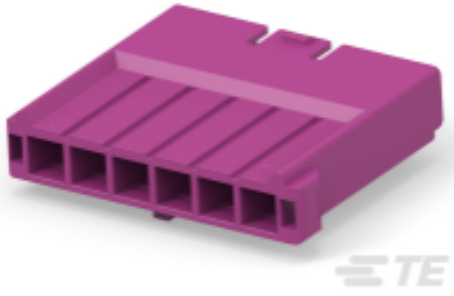




TE Part # 1463644-1
EXT-TOOL, 5.0 POWER KEY CONN.



TE Part # 1-1376385-2
5mm B-T-W Conn. 6P HDR ASSEMBL

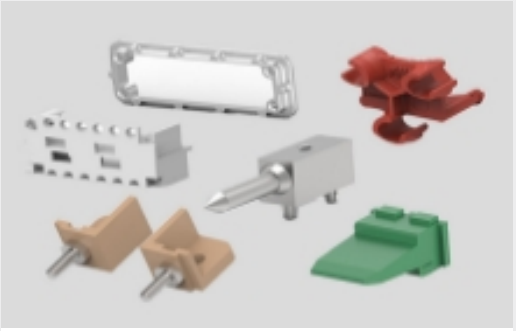


TE Part # 1-2430788-2
5.0 Power Key WTW Cap HSG, 6P Violet

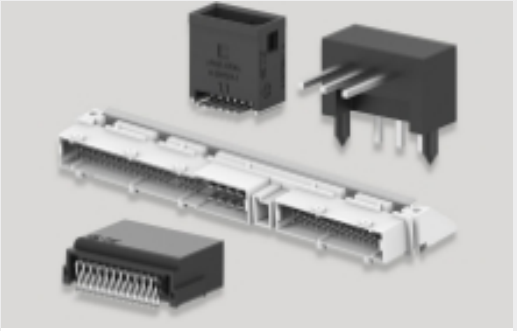
Also in the Series | Power Key 5.0



Connector Contacts(4)



Connector Hardware(4)



PCB Headers & Receptacles(88)



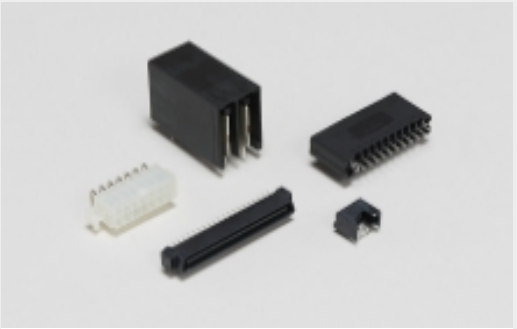
Power Contacts(4)



Rectangular Connector Housings(51)



Rectangular Power Connectors(139)



Standard Rectangular Connectors(51)

Customers Also Bought



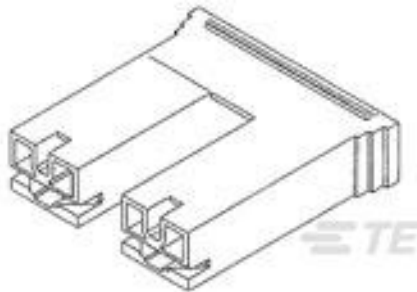
TE Part #CAT-P8704-T669
Power Key TPA



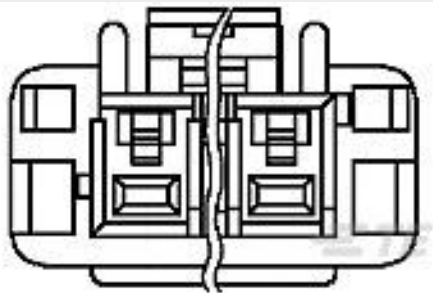
TE Part #2238135-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT



TE Part #1-1376388-2
5MM POWER KEY 2P PLUG HSG RED



TE Part #521306-1
110 FASTON HSG. REC 5MM2P NATURAL



TE Part #2292843-3
3P, POSITIVE-LOCK HOUSING, MKIII . 250 SE



TE Part #2-1971777-4
PTL TPA HWI 1X4 NATURAL



Documents

Product Drawings

5MM POWER KEY 6P PLUG HSG RED

English

5MM POWER KEY 6P PLUG HSG RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1376391-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1376391-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1376391-2_F.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_1-1376391-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-1376391-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1-1376391-2_B.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

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