



Power Key 5.0

TE Internal #: 1376389-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3
Position, .197 in [5 mm] Centerline, Wire & Cable, UL 94V-0, Power
Key 5.0

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > STD Temp Power Key Plug



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

[All STD Temp Power Key Plug \(34\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Color	Natural
Housing Material	Nylon 6/6 GF

Dimensions

Width	16.2 mm[.638 in]
Accepts Wire Insulation Diameter Range	1.7 – 3.1 mm[.067 – .122 in]
Height	9.6 mm[.378 in]
Length	20 mm[.787 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)



Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Other

For Use With	Receptacle Housing
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 1376383-1
5mm B-T-W Conn. 3P HDR ASSEMBL

TE Part # 1376444-1
5MM POWER KEY 2P HDR ASSY NUT

TE Part # CAT-P8704-P729
STD Temp Power Key Plug

TE Part # CAT-P8704-P729A
Glow Wire Power Key Plug

TE Part # 1376421-1
10mm B-T-W Conn. 2P HDR ASSEMB

TE Part # 1376383-6
5.0 PK CONN 3P HDR ASSY HIGH CURRENT

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

Also in the Series | Power Key 5.0

Insertion & Extraction Tools(1)

PCB Latches, Locks & Retainers(4)

Power Contacts(4)

Rectangular Power Connectors(106)

Customers Also Bought

TE Part #1-1376389-2
STD Temp Power Key Plug

TE Part #1376396-1
Power Key TPA

TE Part #1969442-9
EP 2.5 TPA Housing, 9 Pos

TE Part #1969443-9
EP 2.5 TPA Retainer, 9 Pos

TE Part #1376347-1
5MM POWER KEY CONN REC CONT L

TE Part #2238197-3
250 FASTON, FLAG, REC., 18-12 AWG, TPBR

TE Part #2238155-1
POS LOCK 250 Rec, MKII, 18-14 TPBR



Documents

Product Drawings

5MM POWER KEY 3P PLUG HSG NUT

English

CAD Files

Customer View Model

ENG_CVM_CVM_1376389-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1376389-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1376389-1_J.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

1-1773881-9 Power Key Connector Quick Reference Guide

English

Product Specifications

5.0 POWER KEY CONNECTOR

Japanese

Application Specification

Japanese

Product Environmental Compliance

MD_1376389-1_10102018853_dmtec

English

MD_1376389-1_10102018853_dmtec

English

Instruction Sheets

The extraction tool for 5MM Power Key Contact

English

Instruction Sheet (non U.S.)

English

Agency Approvals

VDE Certificate

English

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