



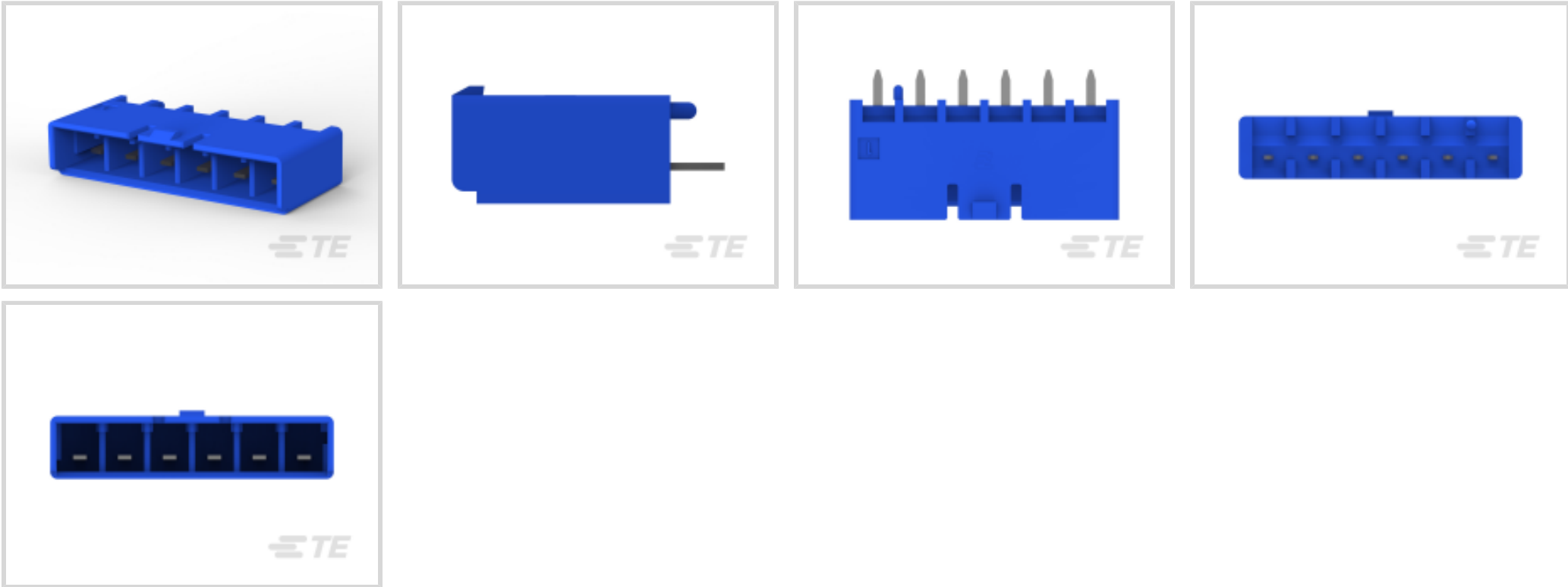
Power Key 5.0

TE Internal #: 2-1376385-3

Header, Plug, Wire-to-Board, 6 Position, 5 mm [.197 in] Centerline,
Printed Circuit Board, UL 94V-0, Power Key 5.0, Rectangular Power
Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

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

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	8 A
Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	39.36 µm[1 µin]

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Usage Conditions

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

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	100
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 2-1376391-3 5MM POWER KEY 6P PLUG HSG BLUE	TE Part # 1-1376384-6 5mm B-T-W Conn. 4P HDR ASSEMBL	TE Part # 2-2174298-3 5mm POWER KEY 3P HDR ASSEMBLY	TE Part # 8-1376383-4 5mm POWER KEY 3P HDR ASSY YELL

Also in the Series | Power Key 5.0

Connector Contacts(4)	Connector Hardware(4)	Insertion & Extraction Tools(1)	PCB Headers & Receptacles(20)



Customers Also Bought



TE Part #4-794632-6
16P MICRO MNL ASSY,VRT,HDR,LF



TE Part #4-794632-4
14P MICRO MNL ASSY,VRT,HDR,LF



TE Part #3-794630-6
06P MICRO MNL ASSY VRT HDR LF



TE Part #1623168-1
CRG0805 1% 270K



TE Part #2176487-2
BMC 0805 60R 25% A Med C



TE Part #172039-1
MIC 7P CAP ASSY



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



TE Part #1586879-1
09P UMNL SKT HDR ASSY, GW

Documents

Product Drawings
5mm B-T-W Conn. 6P HDR ASSEMBL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1376385-3_G.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-1376385-3_G.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-1376385-3_G.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

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English