2-1376386-3 ✔ ACTIVE

Power Key 5.0

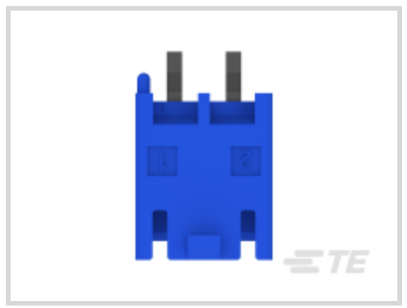
TE Internal #: 2-1376386-3

Power Key 5.0, Rectangular Power Connectors, Header, Plug, Wire-to-Board, 4 Position, 5mm [.197in] Centerline, Printed Circuit Board, UL 94V-0

View on TE.com >

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: **4**

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

Features

Product Type Features

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	4
Number of Power Positions	6
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Contact Current Rating (Max)	9 A

Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Row-to-Row Spacing	6.2 mm[.244 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



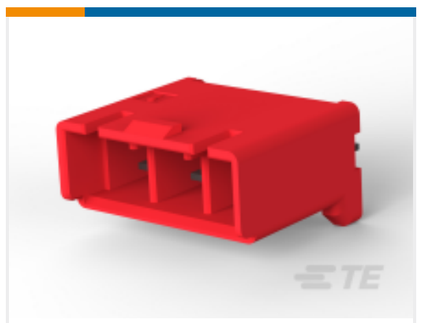
TE Part # CAT-P8704-P729
STD Temp Power Key Plug



TE Part # 2-1376437-3
5MM POWER KEY 2P HDR ASSY BLUE



TE Part # 1-1376402-3
5mm B-T-W Conn. 4P(2row) HDR H



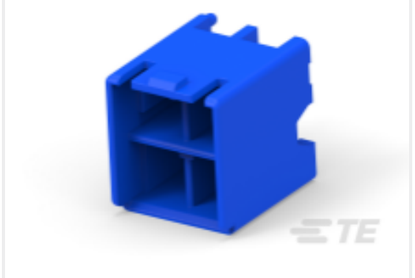
TE Part # 1-2174298-2
5mm POWER KEY 3P HDR ASSEMBLY



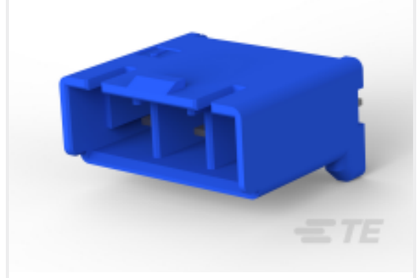
TE Part # 1376386-2
5mm B-T-W Conn. 4P(2row) HDR A



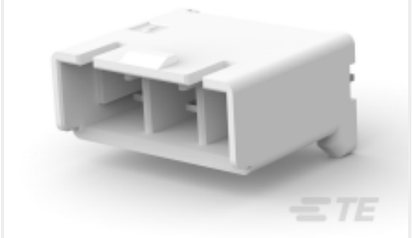
TE Part # 1376402-2
5mm B-T-W Conn. 4P(2row) HDR H



TE Part # 2-1376402-4
5mm B-T-W Conn. 4P(2row) HDR H



TE Part # 2-2174298-3
5mm POWER KEY 3P HDR ASSEMBLY



TE Part # 2174298-1
5mm POWER KEY 3P HDR ASSEMBLY

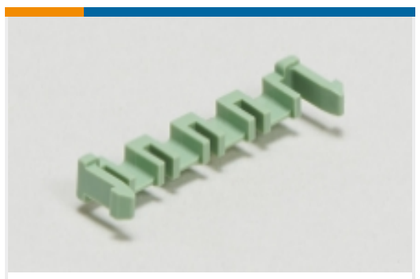


TE Part # 3-1376402-5
5mm B-T-W Conn. 4P(2row) HDR H

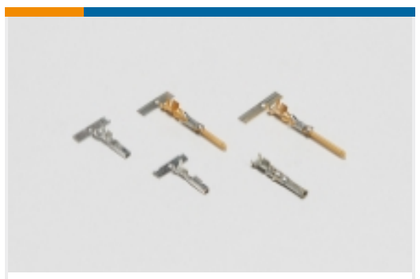
Also in the Series | Power Key 5.0



Insertion & Extraction Tools(1)



PCB Latches, Locks & Retainers(4)



Power Contacts(3)

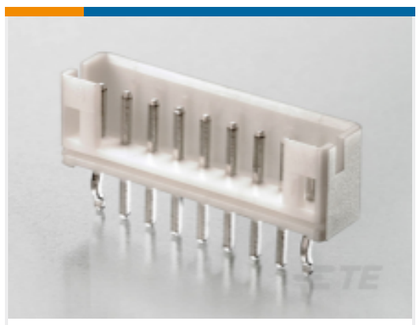


Rectangular Power Connectors(103)

Customers Also Bought



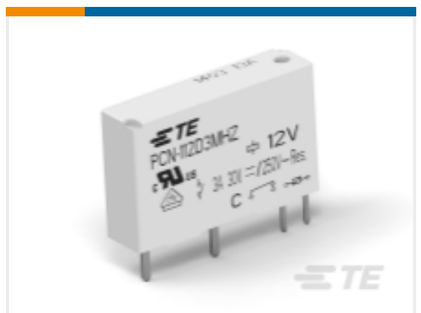
TE Part #1-1376387-2
Glow Wire Power Key Header



TE Part #1-440052-3
AMP HPI 2.5MM HEADERS



TE Part #1871820-1
GRACE INERTIA TPA



TE Part #1721547-4
PCN 3A/5A SLIM PCB RELAY 3VDC

TE Part #1976320-1
ASBY, STEPPED HEX DIE SET

TE Part #2-1633383-5
ANVIL, COMBINATION

TE Part #2150384-1
OCEAN_2.0_Applicator-E-070F140F

TE Part #2232044-3
3P, RAST 5 Tab Header, THV



TE Part #5-1803018-4
INSULATION CRIMPER

Documents

Product Drawings

5mm B-T-W Conn. 4P(2row) HDR A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1376386-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1376386-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1376386-3_E.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

Product Compliance

English

Product Compliance

English

Agency Approvals

VDE Certificate

English