



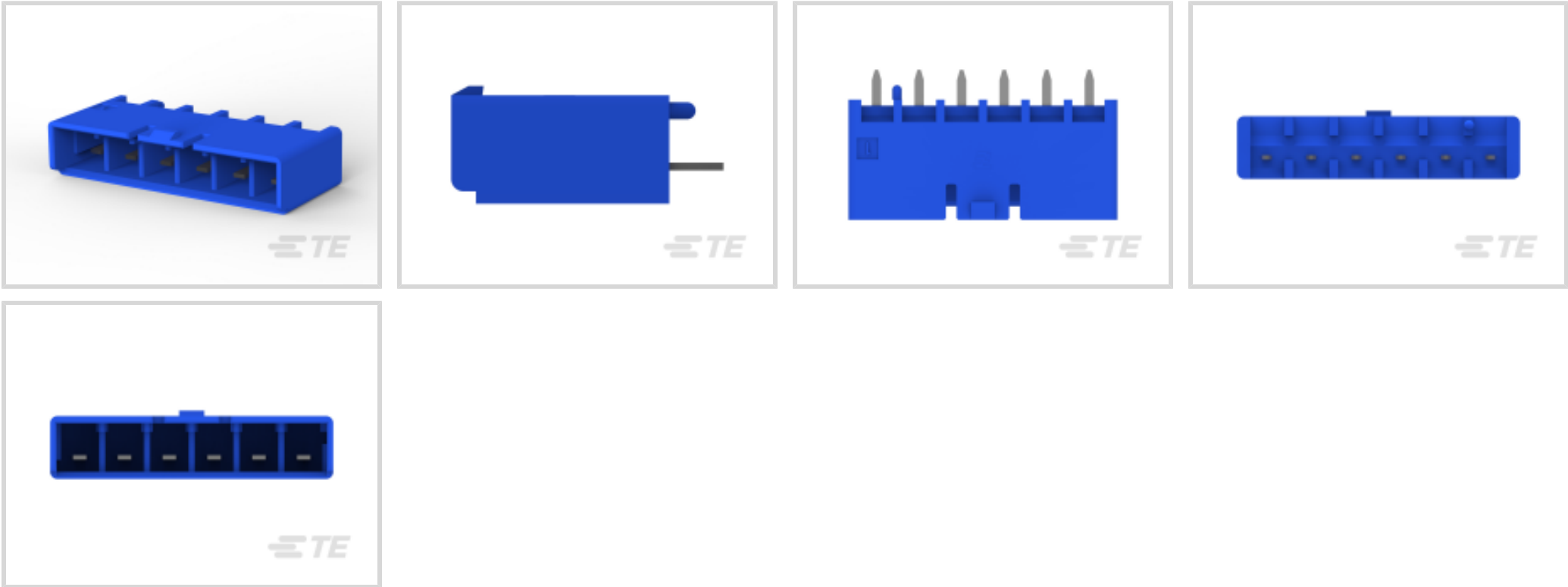
Power Key 5.0

TE Internal #: 2-1376385-3

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

[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: **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 Printed Circuit Board	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

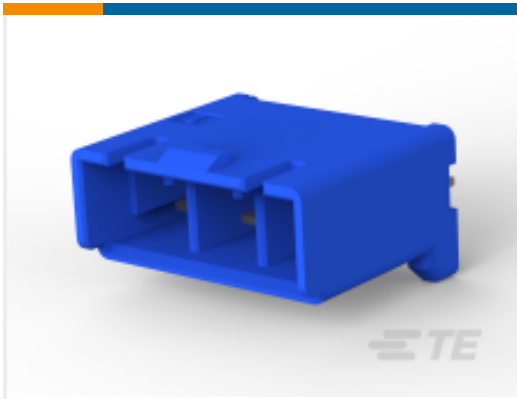


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

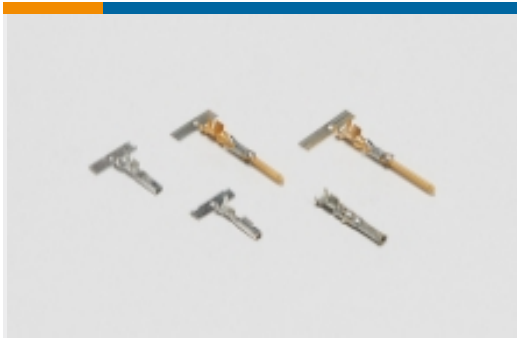
Product Compliance Disclaimer

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>

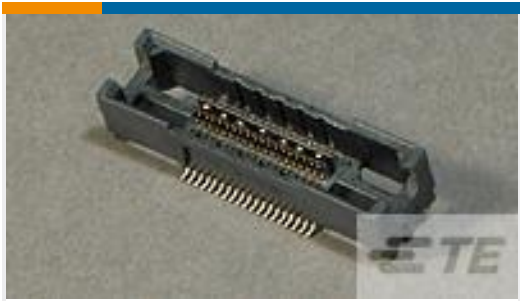
Compatible Parts

 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
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Also in the Series | Power Key 5.0

 Insertion & Extraction Tools(1)	 PCB Latches, Locks & Retainers(4)	 Power Contacts(4)	 Rectangular Power Connectors(107)
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Customers Also Bought



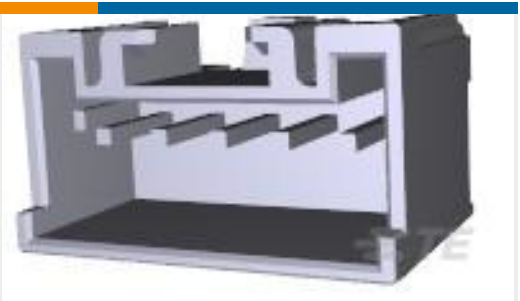
TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.



TE Part #178499-1
UP 3.96 6P TAB HDR NATL TYPE 1



TE Part #1376386-1
5mm B-T-W Conn. 4P(2row) HDR A



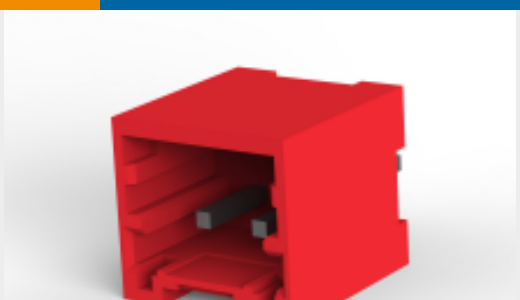
TE Part #917783-1
2.5 S.D.L POST HDR ASY 5P STD



TE Part #1-1376387-2
5mm B-T-W Conn. 6P(2row) HDR A



TE Part #4-1393224-9
RY211024



TE Part #1-1971032-2
2POS HEADER ASSEMBLY FOR GIC 2.0 EV



TE Part #917722-4
2.5 S.D.L HDR ASSY 2P H-PRO

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

5.0 POWER KEY CONNECTOR

Japanese



Application Specification

Japanese

Agency Approvals

VDE Certificate

English