2-1376393-3 ✔ ACTIVE

Power Key 5.0

TE Internal #: 2-1376393-3

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

View on TE.com >

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: **6**

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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	15.8 mm[.622 in]
Product Width	16.2 mm[.638 in]
Product Length	20 mm[.787 in]
Compatible Insulation Diameter Range	1.7 - 3.1 mm[.067 - .122 in]
Row-to-Row Spacing	6.2 mm[.244 in]

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

CSA Rating	LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL

Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

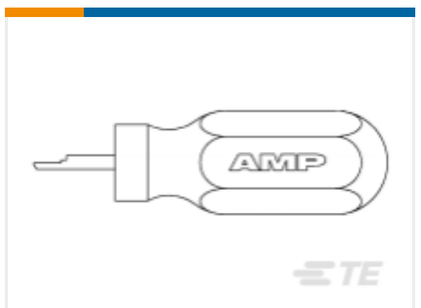
Product Compliance Disclaimer

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 # CAT-P8704-H342A
Glow Wire Power Key Header

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



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

TE Part # 2371336-3
5.0 PK SMT, 6P HDR ASSY, Blue

Also in the Series | Power Key 5.0

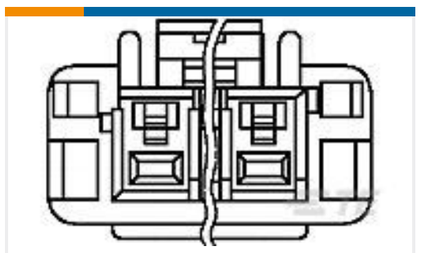
Connector Contacts(4)

Connector Hardware(4)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(107)

Customers Also Bought



TE Part # 1376393-1
5MM POWER KEY 6P PLUG HSG NUT

TE Part # 1565084-1
GRACE INERTIA CONNECTOR 3.5 6P

TE Part # 1565079-1
GRACE INERTIA Receptacle

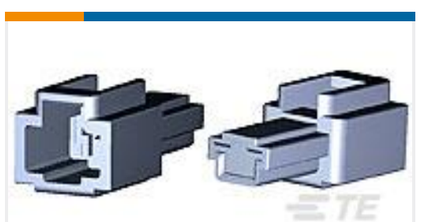
TE Part # 1376348-1
5MM POWER KEY CONN REC CONT M

TE Part # 1827387-1
GIC 3.3 PLUG HOUSING 8P

TE Part # 3-1123823-1
EP IP PLUG BLUE

TE Part # 4-1123823-1
EP 1P PLUG RED

TE Part # 1747996-1
GHC EYELET 12.4 2POS HEADER ASSY NATURAL



TE Part # 1-172127-1
FF 250 REC HSG 1P NYLON NAT

Documents

Product Drawings

5MM POWER KEY 6P PLUG HSG BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1376393-3_H_c-2-1376393-3-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1376393-3_H_c-2-1376393-3-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1376393-3_H_c-2-1376393-3-h.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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

Instruction Sheets

The extraction tool for 5MM Power Key Contact

English

Instruction Sheet (non U.S.)

English

Agency Approvals

VDE Certificate

English