



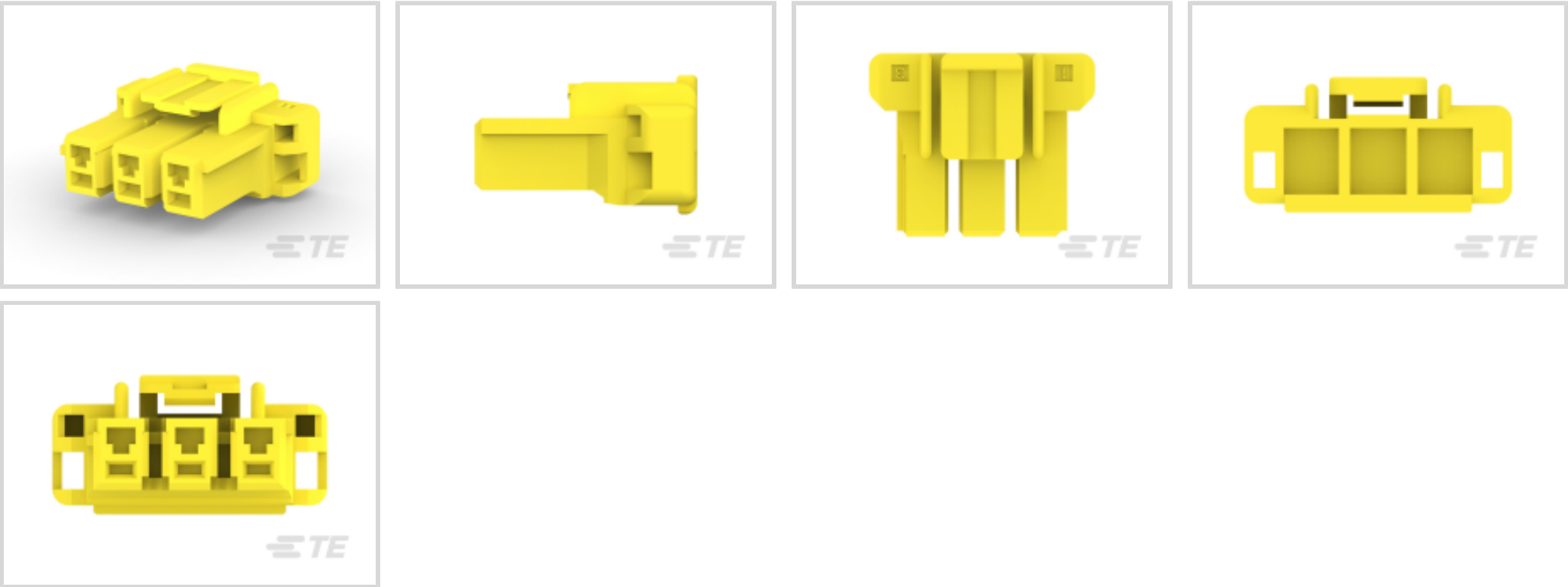
Power Key 5.0

TE Internal #: 3-1376389-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3  
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: **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 |
|-------------------|---------|



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      | Yellow        |
| Housing Material   | Nylon 6/6 GF  |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Connector Height                     | 9.6 mm[.378 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] |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|            |            |
|------------|------------|
| CSA Rating | LR 7189    |
| UL Rating  | Recognized |



|                        |                               |
|------------------------|-------------------------------|
| Agency/Standard        | CSA, UL                       |
| Approved Standards     | 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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                                                                                    |

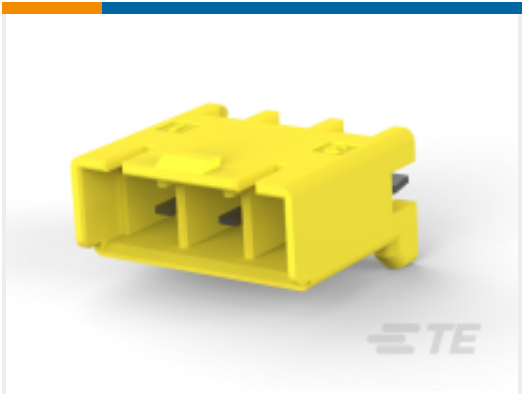
Product Compliance Disclaimer

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







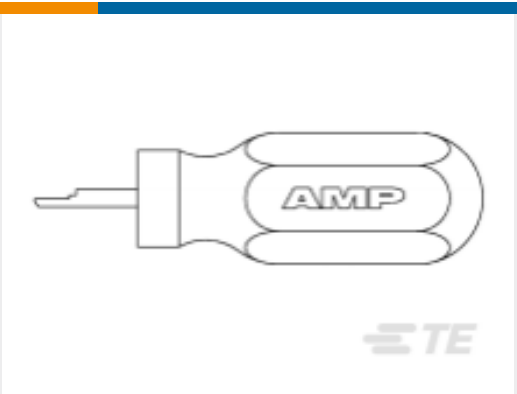
TE Part # 3-1376383-4  
5MM POWER KEY 3P HDR ASSY YELL



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



TE Part # 3-1376421-4  
10mm B-T-W Conn. 2P HDR ASSEMB



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

Also in the Series

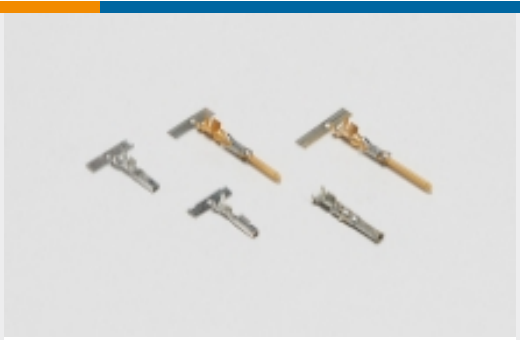
Power Key 5.0



Insertion & Extraction Tools(1)



PCB Latches, Locks & Retainers(4)



Power Contacts(4)



Rectangular Power Connectors(107)

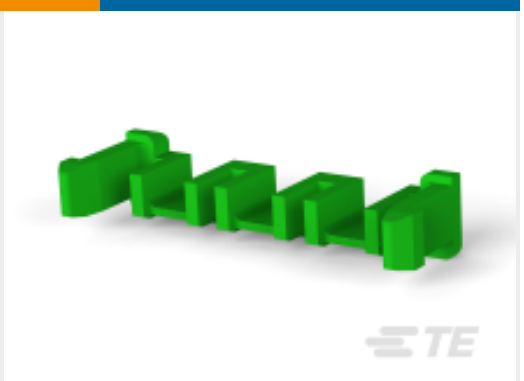
Customers Also Bought



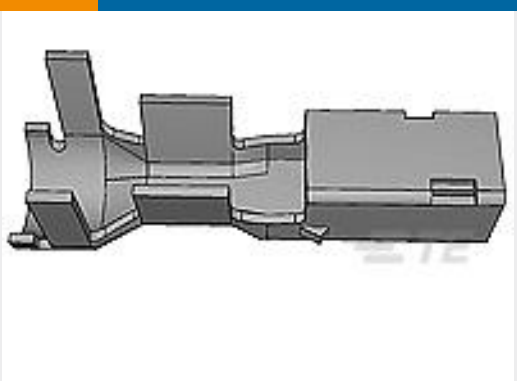
TE Part #1376392-1  
STD Temp Power Key Plug



TE Part #521368-2  
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR



TE Part #1376394-1  
Power Key TPA



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



TE Part #456419-5  
CRIMPER, WIRE .080 "F"



TE Part #724919-8  
FLOATING SHEAR FRONT



TE Part #752999-1  
FRONT SHEAR PLATE

Documents

Product Drawings

5MM POWER KEY 3P PLUG HSG YELL

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_3-1376389-4\_J.2d\_dxf.zip



English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1376389-4\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1376389-4\_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

Product Compliance Document

English

Product Compliance Document

English

Instruction Sheets

The extraction tool for 5MM Power Key Contact

English

Instruction Sheet (non U.S.)

English

Agency Approvals

VDE Certificate

English