

1376393-1 ✓ ACTIVE



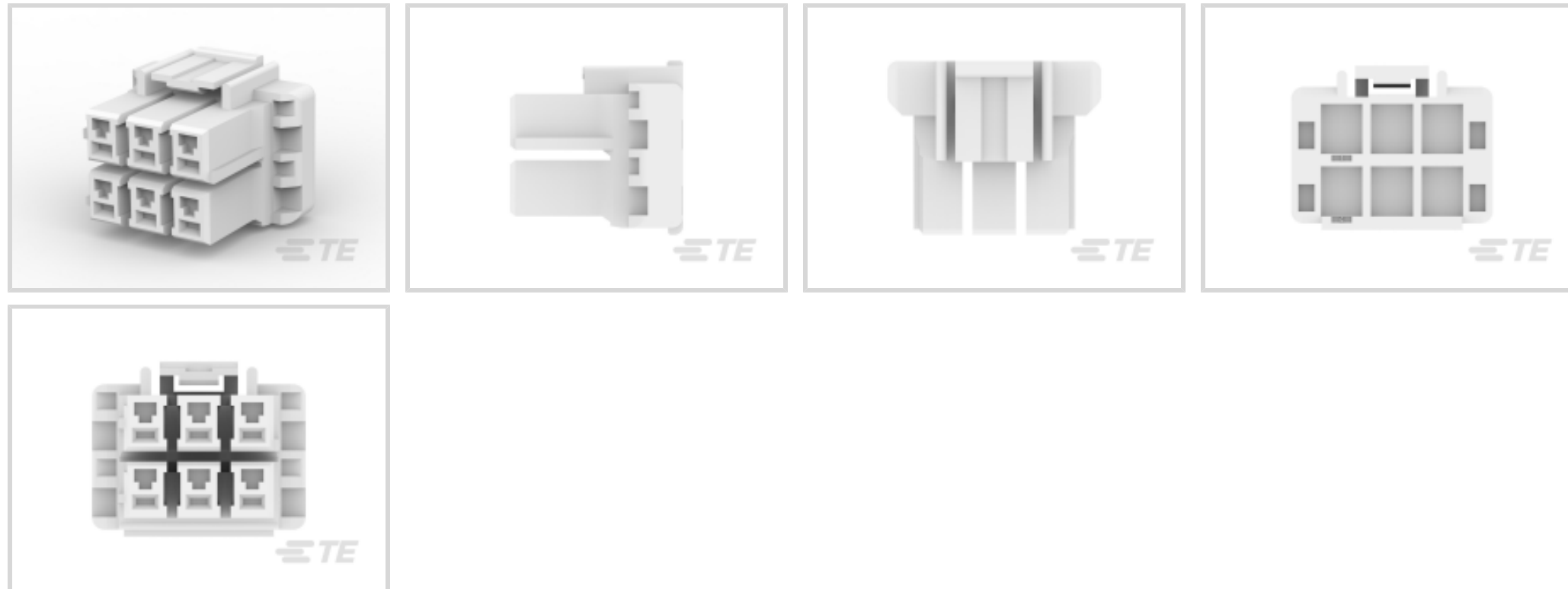
### Power Key 5.0

TE Internal #: 1376393-1

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
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### Contact Features

Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	10 A
Contact Retention Within Housing	Without
Contact Type	Receptacle

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

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

#### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476



Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR7189
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### Packaging Features

Packaging Method	Bag
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Packaging Quantity	500
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### Other

For Use With	Receptacle Housing
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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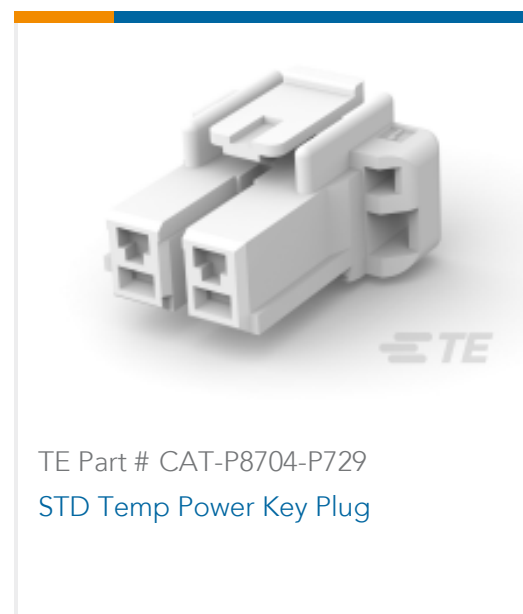
#### Product Compliance Disclaimer

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>

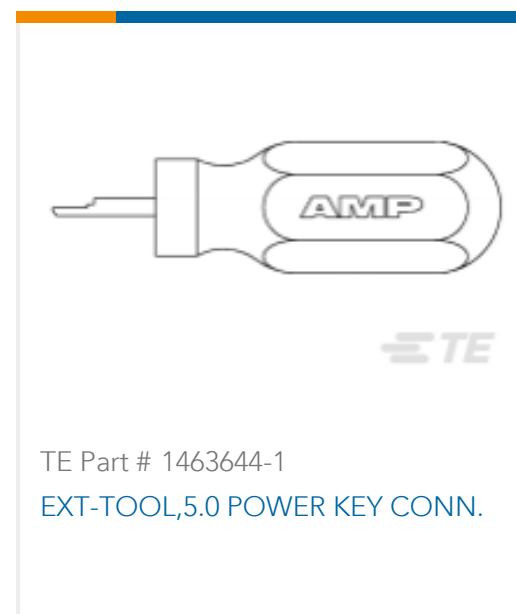
### Compatible Parts



TE Part # CAT-P8704-H342A  
Glow Wire Power Key Header



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

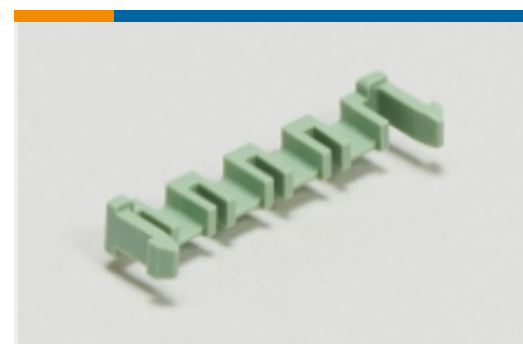


TE Part # 1463644-1  
EXT-TOOL,5.0 POWER KEY CONN.

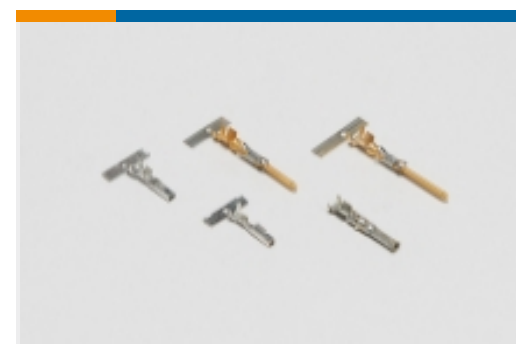
## Also in the Series | Power Key 5.0



Insertion & Extraction Tools(1)



PCB Latches, Locks & Retainers(4)



Power Contacts(4)



Rectangular Power Connectors(107)

## Documents

### Product Drawings

#### 5MM POWER KEY 6P PLUG HSG NUT

English

### CAD Files

3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1376393-1\\_H\\_c-1376393-1-h.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1376393-1\\_H\\_c-1376393-1-h.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1376393-1\\_H\\_c-1376393-1-h.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

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### Product Environmental Compliance

[MD\\_1376393-1\\_06122018723\\_dmtec](#)

English

[MD\\_1376393-1\\_06122018723\\_dmtec](#)

English

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### Instruction Sheets

[The extraction tool for 5MM Power Key Contact](#)

English

[Instruction Sheet \(non U.S.\)](#)

English

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### Agency Approvals

[VDE Certificate](#)

English