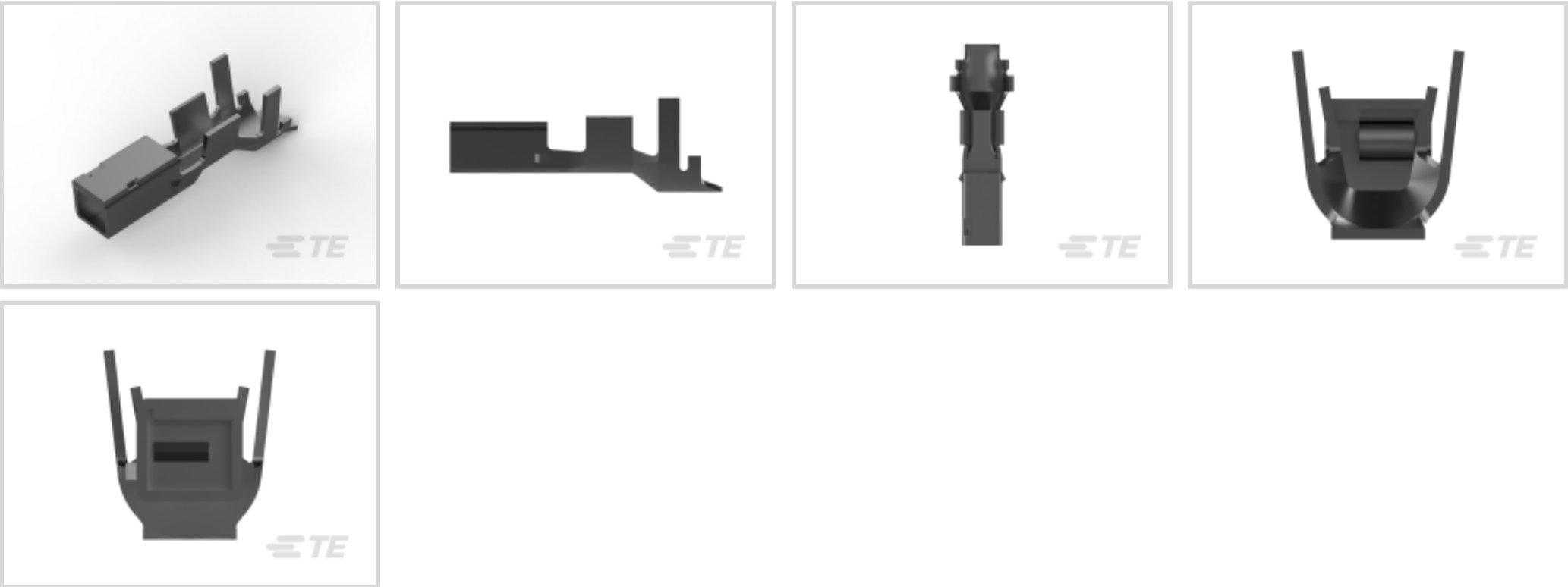




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **300 VAC**
Contact Retention Within Housing: **With**

Features

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Dimensions

Compatible Insulation Diameter Range	2 – 3.1 mm[.078 – .122 in]
Wire Size	1020 – 2580 CMA

Contact Features

Contact Underplating Material	Copper
Contact Orientation	Straight
Contact Underplating Material Thickness	.5 µm[19.69 µin]
Wire Contact Termination Area Plating Thickness	.8 µm[31.5 µin]
Barrel Type	Open
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]



Contact Mating Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material Finish	Matte
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	10 A

Electrical Characteristics

Operating Voltage	300 VAC
-------------------	---------

Product Type Features

Sealable	No
----------	----

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

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

Operation/Application

Circuit Application	Power
---------------------	-------

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1747047-1 GRACE INERTIA CONNECTOR 6.5 3POS PLUG HO	TE Part # 1463644-1 EXT-TOOL,5.0 POWER KEY CONN.	TE Part # 2151079-1 OCEAN_2.0_APPLICATOR-S- 080F130F-RSM	TE Part # 2151079-2 OCEAN_2.0_APPLICATOR-S- 080F130F-RSA
TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 7-2151079-7 OCEAN_2.0_SPARE_PART_KIT- 080F130F	TE Part # 2421845-1 CCII 5.0 POWER KEY 20-16 ASSY	

Also in the Series | Power Key 5.0

Connector Contacts(4)	Connector Hardware(4)	Insertion & Extraction Tools(1)	PCB Headers & Receptacles(88)



Rectangular Power Connectors(51)

Customers Also Bought



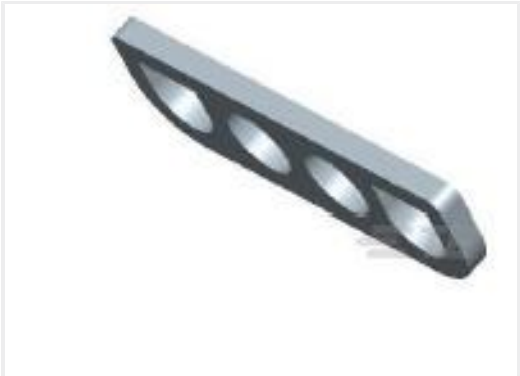
TE Part #2-2232875-1
Glow Wire GRACE INERTIA Plug



TE Part #1376393-1
STD Temp Power Key Plug



TE Part #1376397-1
5MM POWER KEY D/L PLATE GREEN



TE Part #794785-1
04P UMNL INTERFACE SEAL



TE Part #2321927-6
FRONT TPA RECEPTACLE, 6POS



TE Part #1-1969541-6
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2174308-1
POSITIVE LOCK EX .250 (6.3 MM)

Documents

Product Drawings

5MM POWER KEY CONN REC CONT L

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1376347-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1376347-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1376347-1_F.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

1-1773873-1 6.0mm GRACE INERTIA connector flyer

English

1-1773883-5 GRACE INERTIA connector quick reference guide

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

VDE Certificate

English