



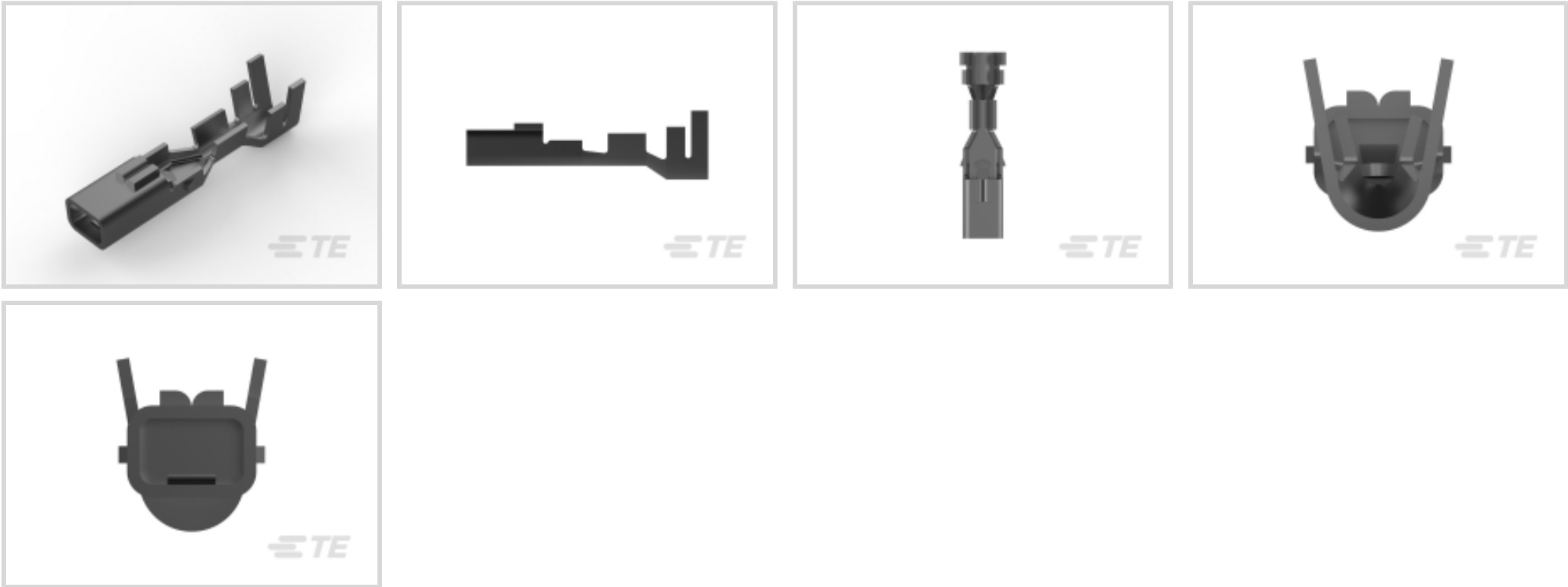
Power Double Lock

TE Internal #: 1983664-1

Power Contacts, Contact, 300 VAC, 300 VDC, Tin, 26 – 22 AWG
Wire Size, .13 – .33 mm² Wire Size, Wire-to-Wire, Wire & Cable,
Crimp, Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **300 VDC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **26 – 22 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	300 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Type	Receptacle
Contact Retention Within Housing	Without
Mating Tab Width	1.81 mm[.071 in]
Mating Tab Thickness	.61 mm[.024 in]
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.8 – 3 µm[31.49 – 118.1 µin]
Wire Contact Termination Area Plating Material	Pre-Tin



Contact Orientation	Straight
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	With
Dimensions	
Wire Size	.13 – .33 mm²
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Method	Bag
Packaging Quantity	5000
Other	
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Cap: 1983658, Plug: 1983659 or 1983660

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 reviewed 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



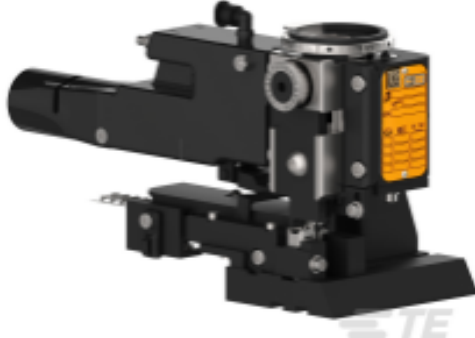
TE Part # CAT-P87024-P729A
Glow Wire Power Double Lock Plug



TE Part # 1983659-1
4P Plug Housing



TE Part # 2-2151721-1
OC-PA-S-FM-055F098F-001-0239



TE Part # 2-2151721-2
OC-PA-S-FA-055F098F-001-0239



TE Part # 2151721-1
OC-AT-S-FM-080F138F-001-0239



TE Part # 2151721-2
OC-AT-S-FA-055F098F-001-0239



TE Part # 7-2151721-7
OC-055F098F-CRIMPTOOLINGKIT

Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Documents

Product Drawings

Rec connect 22-26AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1983664-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1983664-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1983664-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English