



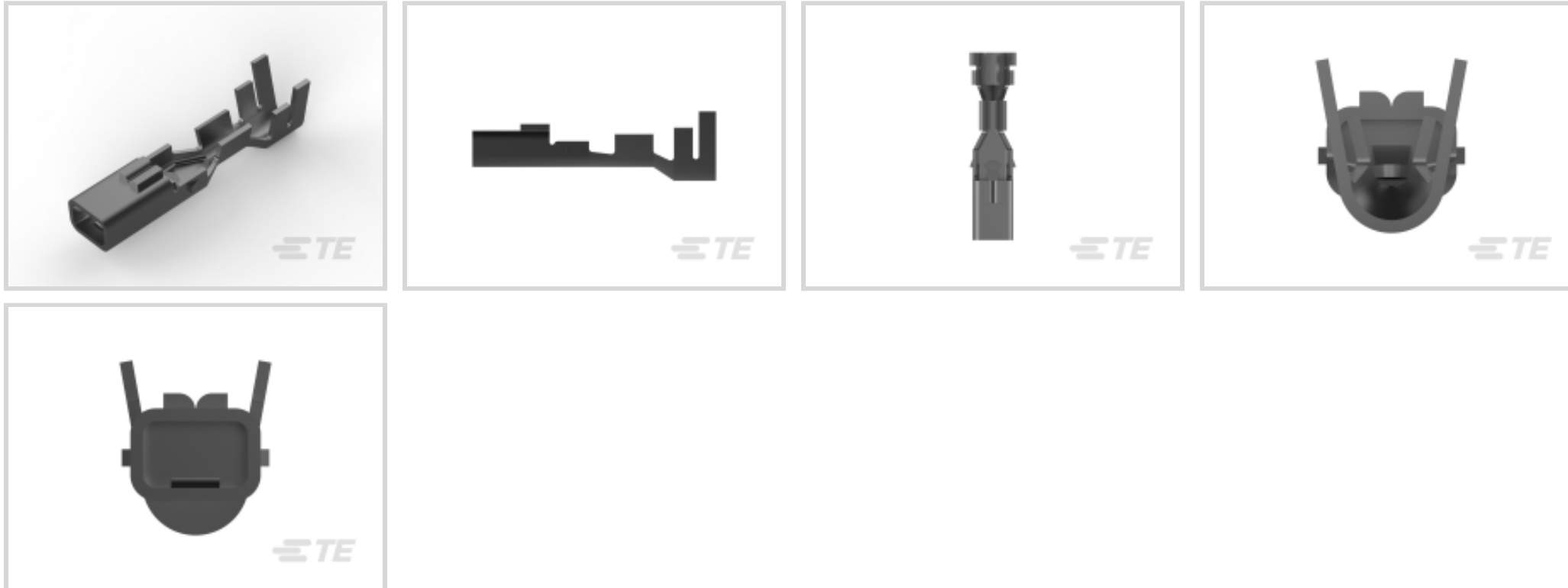
**Power Double Lock**

TE Internal #: 1983664-1

Receptacle Contact, Tin, 300 VAC, 300 VDC, 26 – 22 AWG, .13 – .33 mm<sup>2</sup> Wire, Crimp, Copper Alloy, Power, -30 – 105 °C [-22 – 221 °F], Power Double Lock

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **300 VDC**

**Features**

**Product Type Features**

Discrete Wire Type	Stranded
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**Mechanical Attachment**

Wire Insulation Support	With
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**Packaging Features**

Packaging Quantity	5000
Packaging Method	Bag

**Contact Features**

Contact Orientation	Straight
Mating Tab Width	1.81 mm[.071 in]
Mating Tab Thickness	.61 mm[.024 in]
Wire Contact Termination Area Plating Thickness	.8 – 3 μm[31.49 – 118.1 μin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin



Contact Retention Within Housing	Without
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	9 A
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### Electrical Characteristics

Operating Voltage	300 VDC
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### Termination Features

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

Wire Size	.13 – .33 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed 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-P87024-P729A  
Glow Wire Power Double Lock Plug



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 1983659-1  
4P Plug Housing

## Also in the Series | Power Double Lock



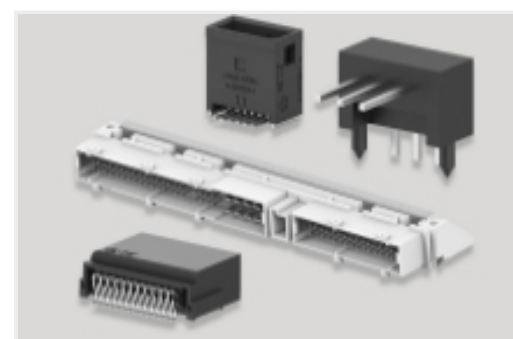
Connector Contacts(24)



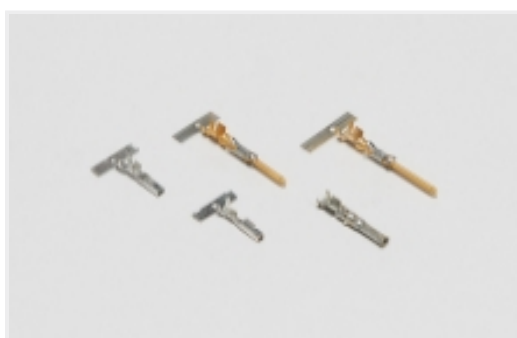
Connector Hardware(14)



Insertion & Extraction Tools(2)



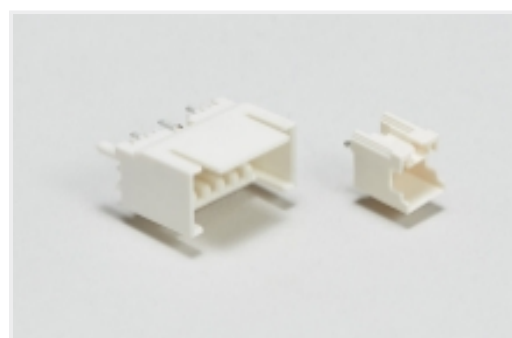
PCB Headers & Receptacles(43)



Power Contacts(24)

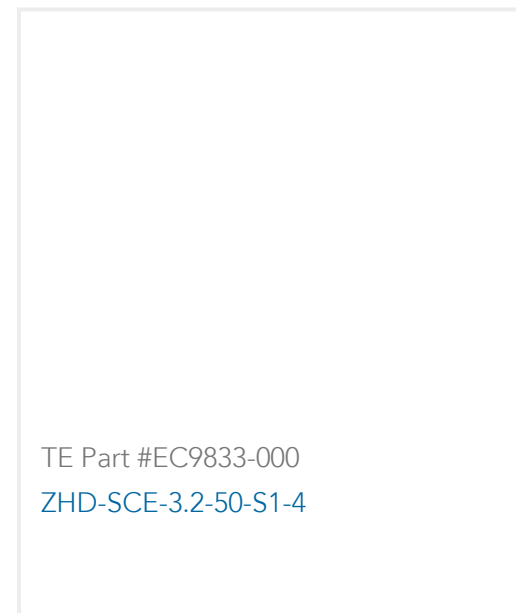


Rectangular Power Connectors(240)



Wire-to-Board Headers & Receptacles (43)

## Customers Also Bought



## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

## Product Specifications



### Application Specification

English

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### Agency Approvals

#### VDE Certificate

English