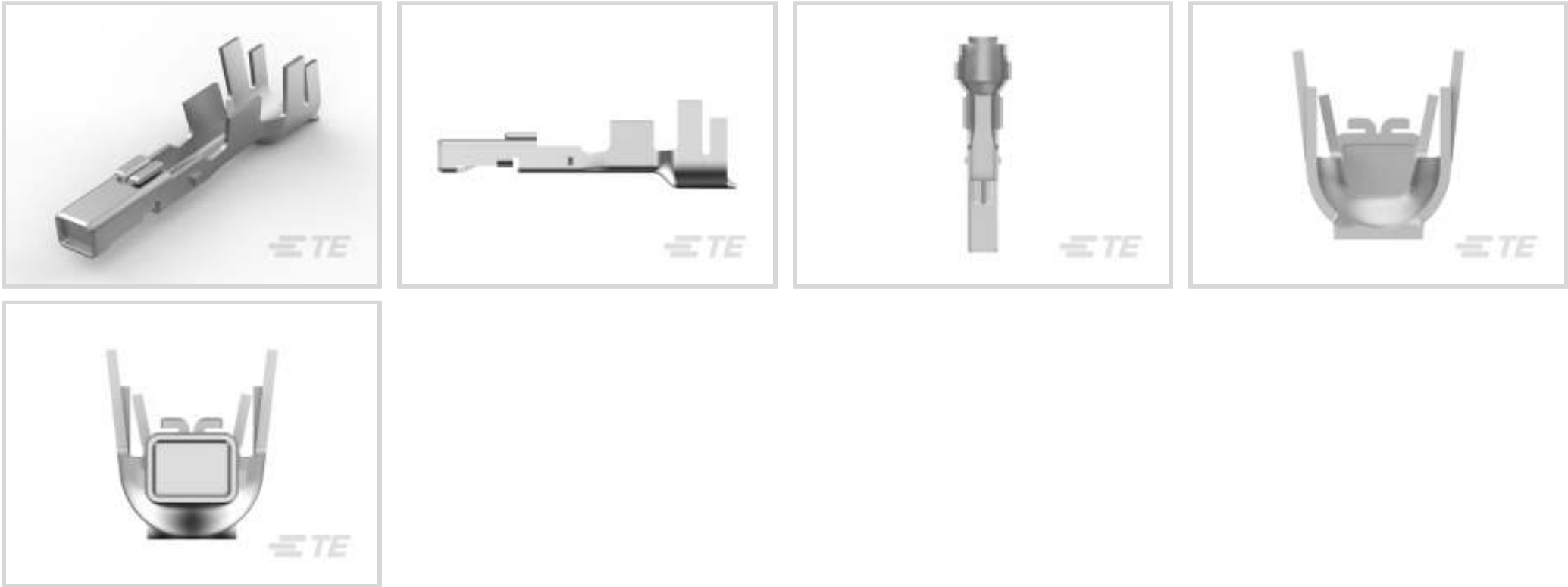




Connectors > Power Connectors > Power Contacts > Power Double Lock Receptacle



Power Contact Type: **Contact**

Operating Voltage: **300 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.52 – 1.31 mm²**

[All Power Double Lock Receptacle \(6\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	14 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Tab Width	1.5 mm[.06 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]



Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	.52 – 1.31 mm²
Compatible Insulation Diameter Range	1.8 – 3.1 mm[.071 – .12 in]

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Power Connectors Comment	Maximum insulation diameter is 2.8mm (.110) when Double Lock Plate is used.
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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) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

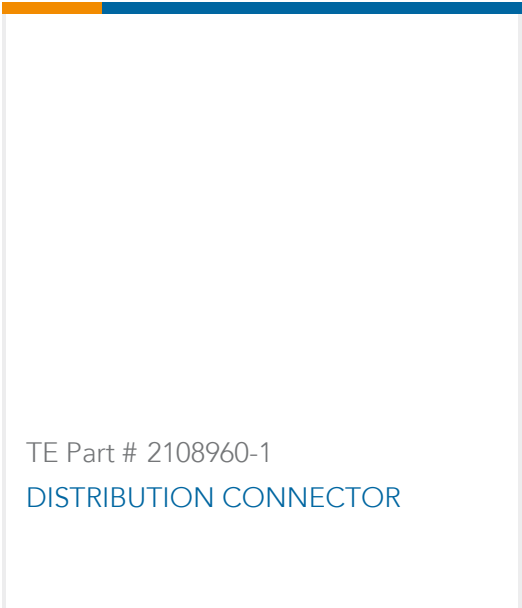
Not reviewed for solder process capability

Product Compliance Disclaimer

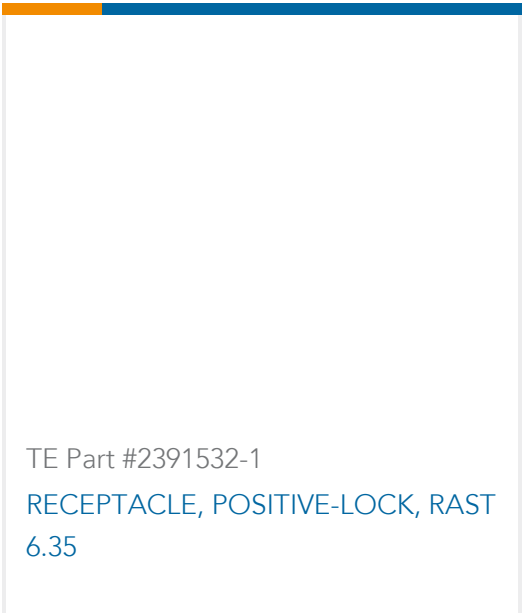
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-P729 STD Temp Power Double Lock Plug	 TE Part # CAT-P87024-P729A Glow Wire Power Double Lock Plug	 TE Part # 2317123-1 POWER DBL LOCK CONN 3.96 MM 10POS HEADE
 TE Part # 2-2836245-1 OC-PA-S-FM-080F130OV-001-0141	 TE Part # 2-2836245-2 OC-PA-S-FA-080F130OV-001-0141	 TE Part # 2836245-1 OC-AT-S-FM-080F130OV-001-0141	 TE Part # 2836245-2 OC-AT-S-FA-080F130OV-001-0141
 TE Part # 5-368571-1 FOAMING PROOF PLUG 3POS NAT	 TE Part # 5-368571-2 FOAMING PROOF PLUG 3POS RED	 TE Part # 5-368571-4 FOAMING PROOF PLUG 3POS YEL	 TE Part # 7-2836245-7 OC-080F130OV-CRIMPTOOLINGKIT



Customers Also Bought



Documents

Product Drawings

AMP POWER DBL LOCK REC (L)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2232901-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2232901-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2232901-1_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

Product Environmental Compliance

[TE Material Declaration](#)

English