1-2323832-1 ✓ ACTIVE

Power Double Lock

TE Internal #: 1-2323832-1

Socket Contact, Tin, 300 VAC, 20 – 18 AWG Wire Size, Crimp, Copper Alloy, Power, -30 – 150 °C [-22 – 221 °F], Power Double Lock

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **300 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	8 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	1.75 – 2.5 mm[.069 – .098 in]
Wire Size	20 – 18 AWG

Usage Conditions

Operating Temperature Range	-30 – 150 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

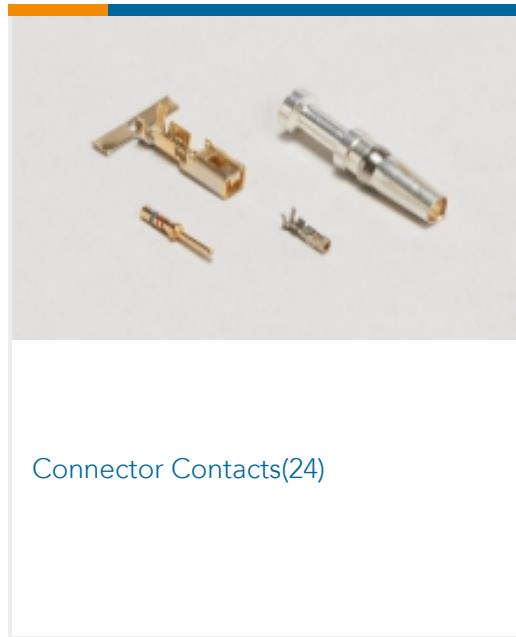|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 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

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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
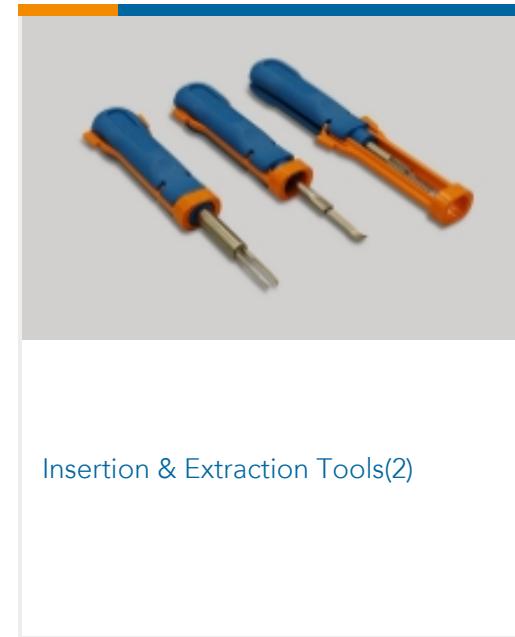
Also in the Series | Power Double Lock

Connector Contacts(24)

Connector Hardware(14)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(43)

Rectangular Power Connectors(240)

Documents

Product Drawings

PDL REC TERMINAL 18-20 AWG w/lube

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2323832-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2323832-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2323832-1_C.3d_stp.zip

English

Product Specifications

Application Specification

1-2323832-1

Socket Contact, Tin, 300 VAC, 20 – 18 AWG Wire Size, Crimp, Copper Alloy, Power,
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English