



AMP

TE Internal #: 193990-2

Power Contacts, Contact, Gold, 8AWG Wire Size, 8mm² Wire Size, Wire-to-Wire, 1 Position, Sealable, Wire & Cable, Crimp

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **8 mm²**

Connector System: **Wire-to-Wire**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
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Electrical Characteristics

Test Current	60 A
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Contact Features

Louvertac Band Plating Material	Silver
Louvertac Band Material	Copper Alloy
Louvertac Band	With
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	60 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	3.63 mm[.143 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.016 μm[40 μin]



Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	5.08 μm[200 μin]
Wire Contact Termination Area Plating Material	Silver
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1 μm[40 μin]
Contact Size	8

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	8 mm ²
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Operation/Application

Circuit Application	Power
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Industry Standards

Agency/Standard	UL
UL File Number	E28476

Packaging Features

Packaging Method	Bag
Packaging Quantity	50

Other

For Use With	CMC (Circular Metal Connector), CMPC (Circular Multipin Connector), CPC Connectors, G Series Connectors, M Series Connectors
Comment	Mates with Part Number 193991-4.

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

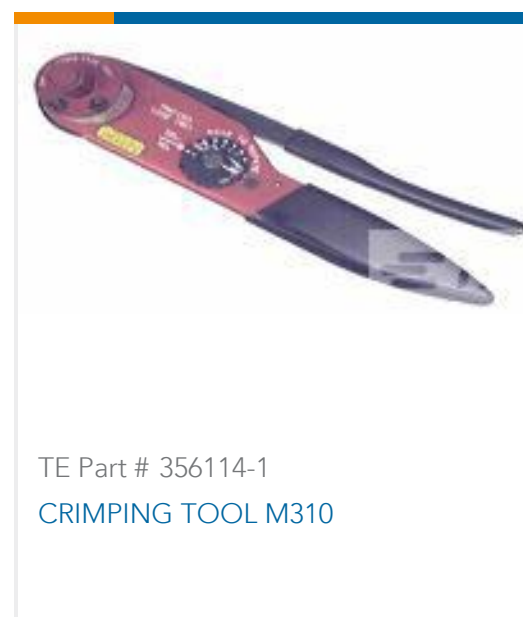
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

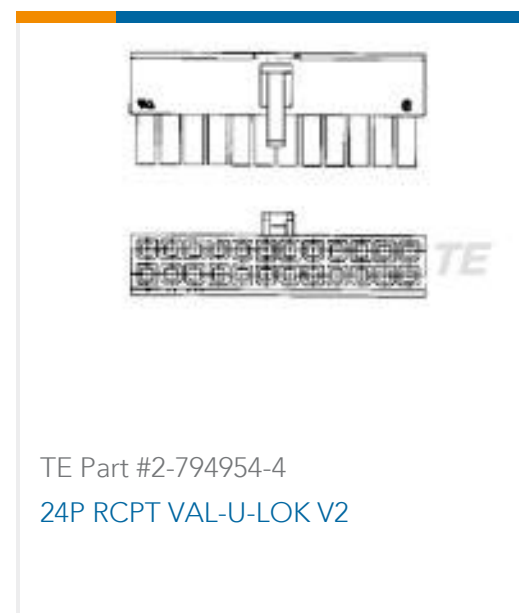
Product Compliance Disclaimer

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



Customers Also Bought





Documents

Product Drawings

SKT ASSY,TYPE XII, #8 AWG

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_193990-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_193990-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_193990-2_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English