

796964-1 ✓ ACTIVE

AMP | AMP Type II

TE Internal #: 796964-1

Power Contacts, Contact, Silver, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire-to-Board, 1 Position, Wire & Cable, Crimp, Power, AMP Type II

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > Strip Pin and Socket Contacts, Type III, LP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Silver**

Wire Size: **.8 – 1.4 mm²**

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

[All Strip Pin and Socket Contacts, Type III, LP \(6\)](#)

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Test Current	23 A
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Contact Features

Louvertac Band Plating Material	Gold
Louvertac Band Material	Beryllium Copper
Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	23 A



Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	5.08 μm[200 μin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating 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	1.27 μm[50 μin]
Contact Size	16

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 – 1.4 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Bag
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Other

Wire/Cable Type	Discrete Wire
For Use With	CMC (Circular Metal Connector), CMPC (Circular Multipin Connector), CPC Connectors, Drawer Connectors, Econoseal Metrimate Square Grid, G Series Connectors, M Series
Comment	Mates with Part Number 193844-1.

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC > Threshold: Pb (2.5% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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

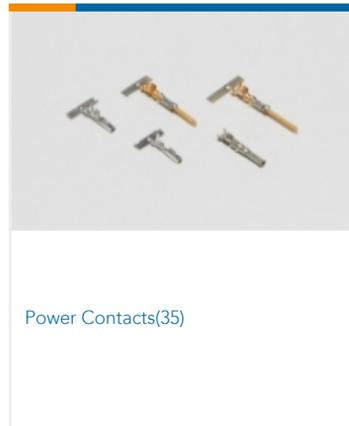
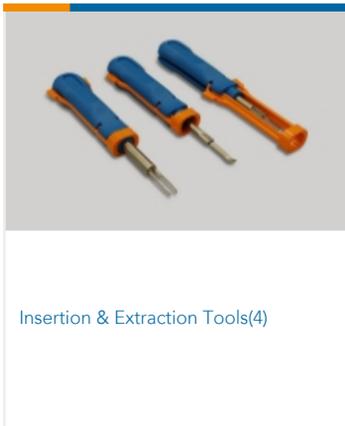
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-AM71-C83998C Circular Plastic Connector, CMC Series 1</p>	 <p>TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1</p>	 <p>TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1</p>	 <p>TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6</p>
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Also in the Series | AMP Type II



Documents

Product Drawings

[PIN ASSY,18-16 AWG,HI CURRENT](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_796964-1_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_796964-1_A.3d_stp.zip](#)

English

[Customer View Model](#)

[ENG_CVM_796964-1_A.2d_dxf.zip](#)

English

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

Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Power Contacts

English

Product Environmental Compliance



TE Material Declaration

English