



AMP | AMP Type II

TE Internal #: 796964-1

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

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS LP



Power Contact Type: **Contact**
Contact Mating Area Plating Material: **Silver**
Wire Size: **.8 – 1.4 mm²**
Connector System: **Wire-to-Board**

[All TYPE III CONTACTS 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 mm²
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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
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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	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (2.5% in Component Part) 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.
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

TE Part # CAT-AM71-C83998C
CMC SERIES 1

TE Part # CAT-AM71-C83998J
CPC SERIES 1

TE Part # CAT-AM71-C83998K
CPC SERIES 6

TE Part # CAT-AM71-C83998Y
CPC SERIES 1 SEALED ONE-PIECE

TE Part # 601967-1
CRIMPING TOOL M22520/1-01

TE Part # 1-305183-1
EXTRACT TOOL MATE-N-LOK P

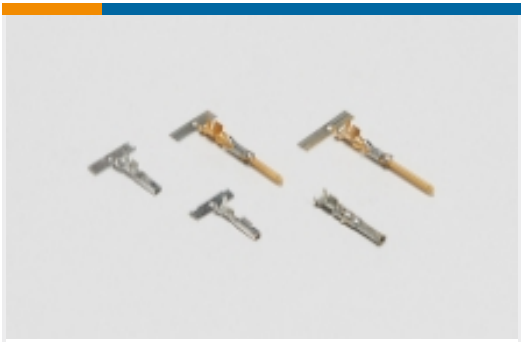
TE Part # 1-601967-6
POSITIONER TYPE II CONTACTS



Also in the Series | AMP Type II



Insertion & Extraction Tools(4)



Power Contacts(35)

Customers Also Bought



TE Part #5205208-1
CRIMP SNAP PLUG ASSY, 25 POS



TE Part #1375820-6
CST-100 II HOUSING 6 POS



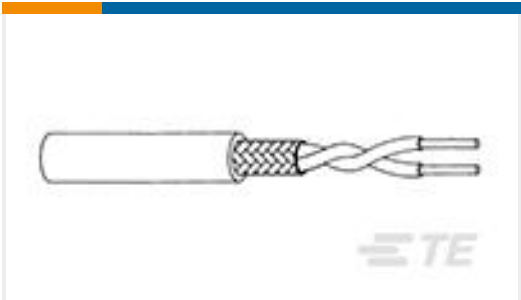
TE Part #640252-2
SL-156 RECEPTACLE



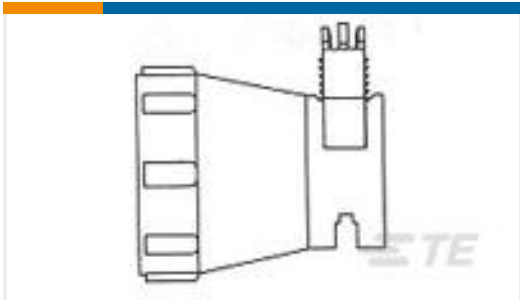
TE Part #1241809-2
UMNL ST-SOCK,A-P 3P



TE Part #205841-2
CPC RECPT ASSEMBLY SIZE 11-8



TE Part #234062-002
2524E0114-9



TE Part #1445730-1
STRN RELIEF ASY,STRT SIZE 8



TE Part #YDTS26F13-04PNV001
PLUG ASSY



TE Part #YDTS26F13-35PBV001
Straight Plug: D38999, 13-35 Insert,
Electroless Nickel Plating

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