



AMP | AMP Type III+

TE Internal #: 1-66473-9

Power Contacts, Contact, Gold, 24 AWG Wire Size, .2 mm² Wire Size, Wire & Cable, Wire Wrap, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 mm²**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Size	Size 16
Contact Shape & Form	Square
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Wire Wrap
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.2 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 & Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

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
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

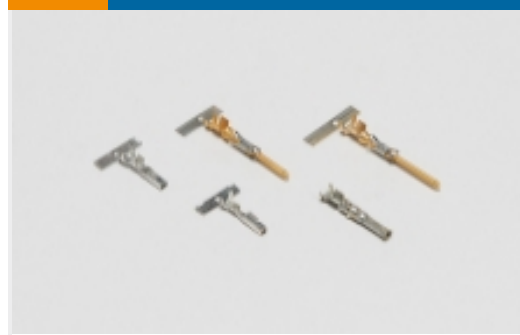
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | AMP Type III+

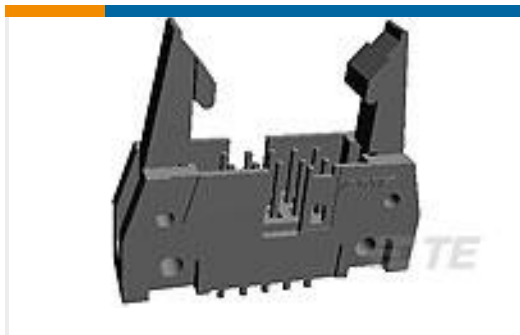


Insertion & Extraction Tools(4)



Power Contacts(409)

Customers Also Bought



TE Part #5499206-8
A/L UNIV HDR 34P VERT LG LAT



TE Part #9-1393211-0
T92S11D12-24



TE Part #1-380991-0
10P CMNL HDR ASSY NATL



TE Part #643430-1
15P UMNL HDR ASSY POL 94VO



TE Part #641973-1
12P UMNL PIN HDR ASSY V2 NATL



TE Part #641975-1
15P UMNL PIN HDR ASSY POL NATL



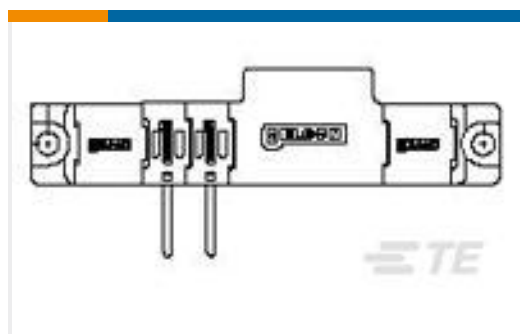
TE Part #350433-1
12P UMNL PIN HDR ASSY NATL



TE Part #643410-1
08P UMNL PIN HDR ASSY POL 94VO



TE Part #643405-1
05P UMNL PIN HDR ASSY POL NATL



TE Part #6648000-1
279-0933-10100A=CONN,PIN

Documents



Product Drawings

[SKT,.062 DIA,.045 SQ POST,LP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-66473-9_AP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66473-9_AP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66473-9_AP.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Signal Contacts](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Autowire Contacts and Connectors](#)

English