

AMP | AMP Type III+

TE Internal #: 163084-1

Power Contacts, Contact, Tin, 18 – 15 AWG Wire Size, .75 – 1.5 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP

Type III+

View on TE.com >



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











Power Contact Type: Contact

Contact Mating Area Plating Material: Tin

Wire Size: .75 – 1.5 mm²

Connector & Contact Terminates To: Wire & Cable

All Pin and Socket Contacts, Type III, LP EMEA (27)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Size	Size 16
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	2.03 μm[80 μin]
Contact Mating Area Plating Material Finish	Bright



Wire Contact Termination Area Plating Thickness	2.03 μm[80 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.75 – 1.5 mm²
Compatible Insulation Diameter Range	2.01 – 2.49 mm[.079 – .098 in]
Usage Conditions	
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Quantity	200

Product Compliance

Packaging Method

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

Bag



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

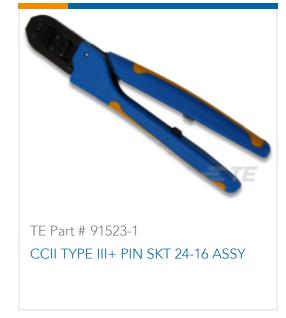
Compatible Parts

















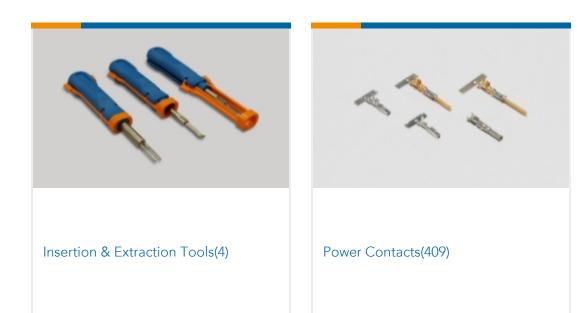


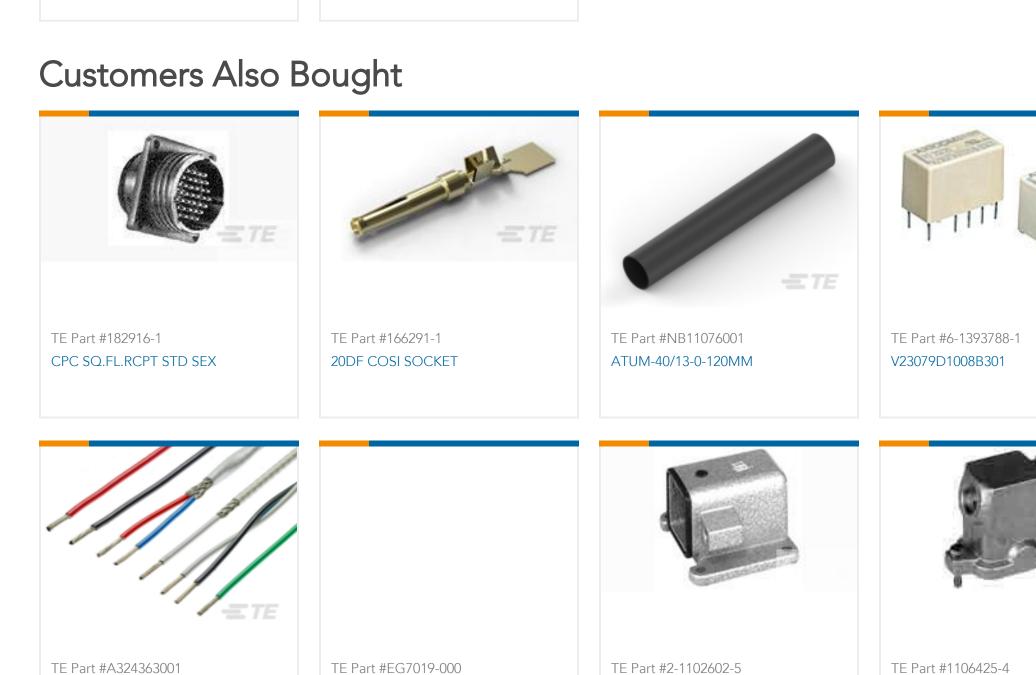




Also in the Series | AMP Type III+







HIP-K.3/4.SGF

THX-24C112-811-9-E628



Documents

44A0221-22-90/92

Product Drawings

RECEPTACLE

English

RECEPTACLE

English

CAD Files

3D PDF

3D

HIPK.6/16.STS.1M25G



Customer View Model

ENG_CVM_CVM_163084-1_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163084-1_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163084-1_AY.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

MD_163084-1_11252014018_dmtec

English

MD_163084-1_11252014018_dmtec

English