



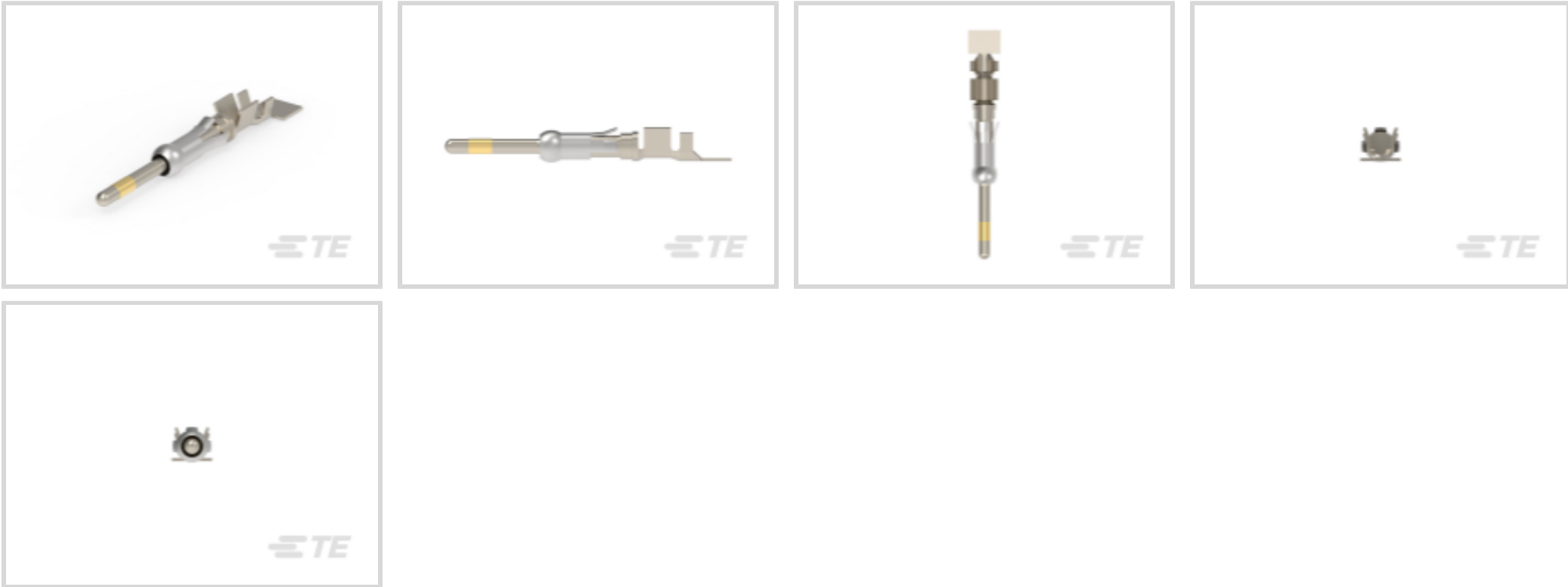
AMP | AMP Type III+

TE Internal #: 1-66361-4

Pin Contact, Gold, Size 16 Contact Size, 18 - 14 AWG Wire Size, .8 - 2 mm² Wire Size, Crimp, Copper Nickel Alloy, Power & Signal, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP, High Current



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

[All Pin and Socket Contacts, Type III, LP, High Current \(8\)](#)

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	.12 - .2 µm[5 - 8 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Copper Nickel Alloy
Contact Current Rating (Max)	25 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2.03 - 2.54 mm[.08 - .1 in]
Wire Size	.8 - 2 mm ²

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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Identification Marking

Contact Color Code	Violet
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Packaging Features

Packaging Quantity	1000
Packaging Method	Carton, Loose Piece

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

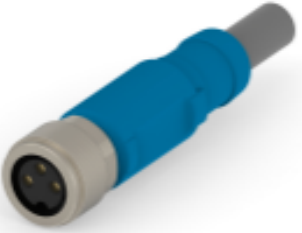
 TE Part # CAT-AM71-C83998C Circular Plastic Connector, CMC Series 1	 TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6
 TE Part # 91519-1 CCII TYPE III+ PIN SKT 18-14 ASSY	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+

 Connector Contacts(409)	 Insertion & Extraction Tools(4)
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Customers Also Bought



 TE Part # 208491-1 CMC RECEPTACLE ASSY, SIZE 22	 TE Part # T4010019031-000 M8, SCREW, FEMALE, S, SHIELD, 3P, GOLD	 TE Part # T4041037031-000 M8, FMLE, PNL REAR, 3POS, STR, GOLD	 TE Part # T4061120003-002 M8 CABLE ST M 1.0M 3POS PUR CABLE
 TE Part # T4061320003-005 M8 CABLE ST FEMALE 5M 3POS PUR CABLE	 TE Part # 36929 TERMINAL, SOLIS R 3/0 1/2	 TE Part # 6-1614884-0 CPF 0805 820R 0.1% 25PPM 1K RL	 TE Part # 282191-2 SPLASH PROOF CONN. W.S.L.
 TE Part # 5-147323-8 09 MTE HDR SRRA SMT. 100CL	 TE Part # 325805 TERMINAL, AMP POWER 300MCM 1/2		

Documents

Product Drawings

III+ PIN, 18-14, 30AU/FL, LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66361-4_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66361-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66361-4_G.3d_stp.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

Signal Contacts

English

Product Specifications

Engineering Report

English