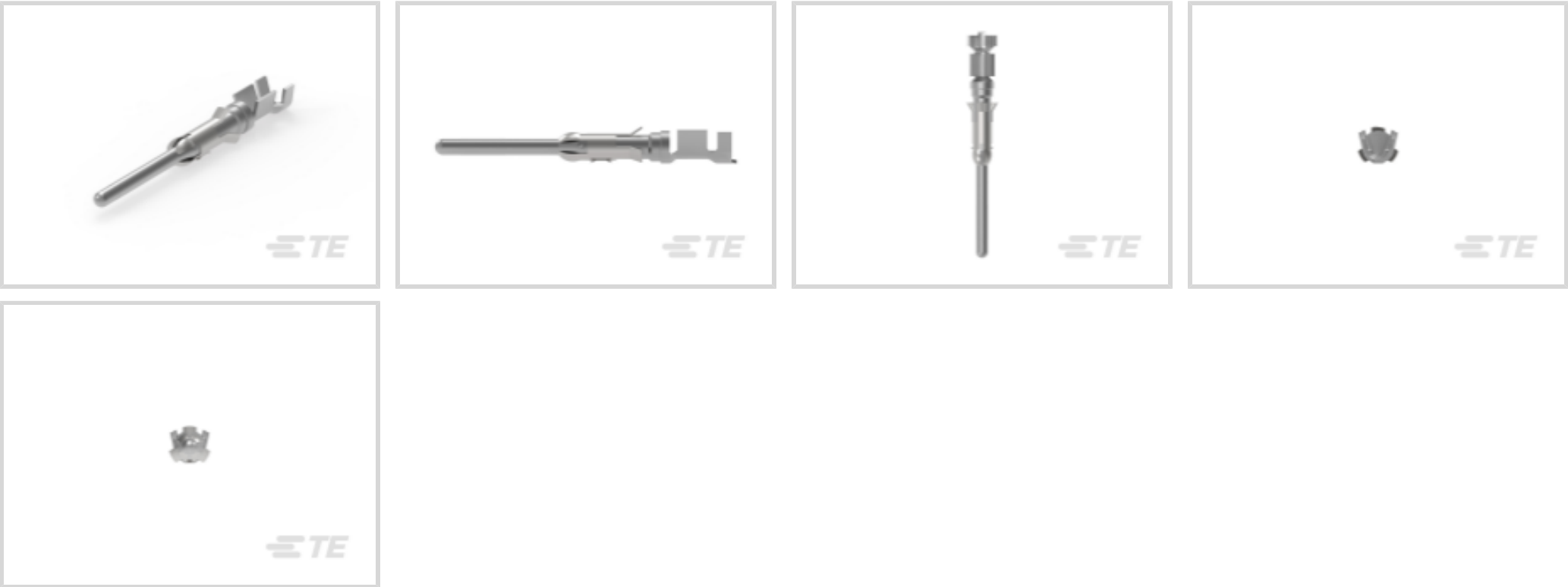




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Snap-In**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Barrel Type	Open
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)



Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	2 – 2.5 mm[.08 – .1 in]
Wire Size	.75 – 1.5 mm²

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	200
Packaging Method	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1977884-1 SLD CPC PLUG ASSY,13-9,STD SEX, UV RESIS	 TE Part # 213851-1 CPC PLUG ASSEMBLY SIZE 23-24	 TE Part # 208714-1 CMC PLUG ASSEMBLY,SZ 14-7	 TE Part # 208457-3 CMC PLUG ASSEMBLY,SZ 28-24
 TE Part # 208488-1 CMC PLUG ASSEMBLY,SZ 22	 TE Part # 2063487-2 SDE TYPE III+ 0.2-2.5mm2 DIE SET	 TE Part # 58495-2 PROCIMPER DIE ASSY MULTIMATE	 TE Part # 539972-1 EXTRACTION TOOL
 TE Part # 796288-1 PLUG.ASSY,23-37STD SEX THRD AD	 TE Part # 796449-1 PLUG ASSY,CPC,17-14,REV SEX	 TE Part # 796450-1 PLUG ASSY,CPC,17-9,REV SEX	 TE Part # 1977878-1 SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 206516-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 208716-1
CMC PLUG ASSEMBLY, SZ 14



TE Part # 213853-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 213849-1
CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 208718-2
CMC PLUG ASSEMBLY, SZ 14-5

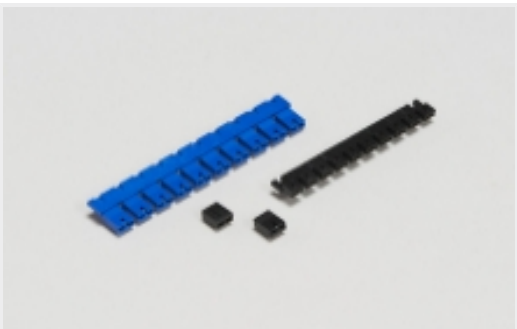


TE Part # 211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 796274-1
SLD CPC PLUG ASSY, 17-16, STD SX

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



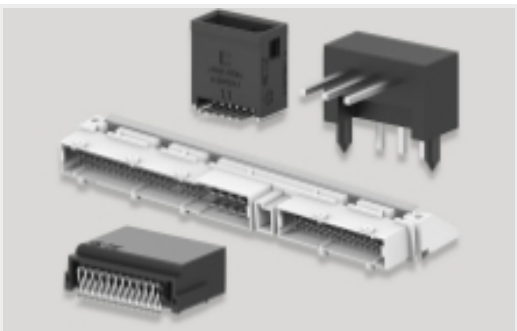
Connector Caps & Covers(14)



Connector Hardware(47)



Connector Strain Relief(13)



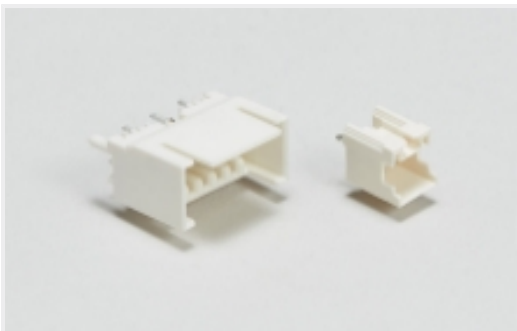
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)

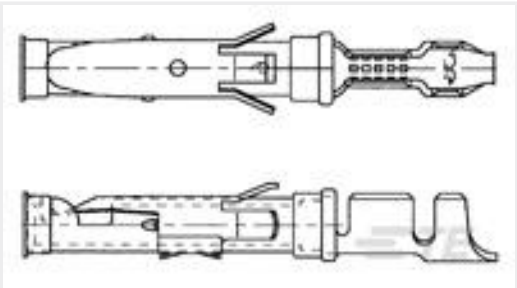


Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



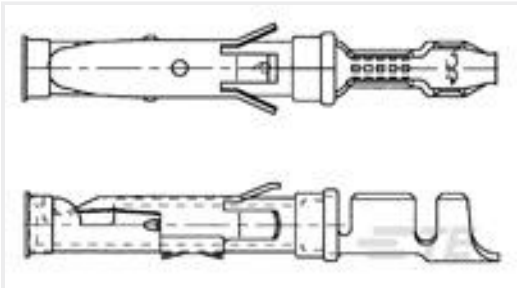
TE Part #163088-1
062 SOC.ASS. TYP3+



TE Part #206429-1
CPC PLUG ASSY, 11-4, REV SEX



TE Part #U5254-000002-014BA
PRESS XDCR U5254-000002-014BA



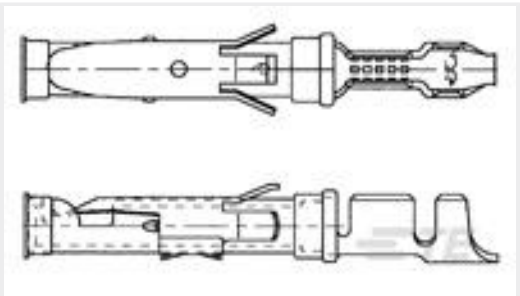
TE Part #163084-1
RECEPTACLE



TE Part #182917-1
CPC SQ.FL.RCPT STD SEX



TE Part #1-1703648-1
7POS, MIXED,TAB HSG,ASSY,CODA



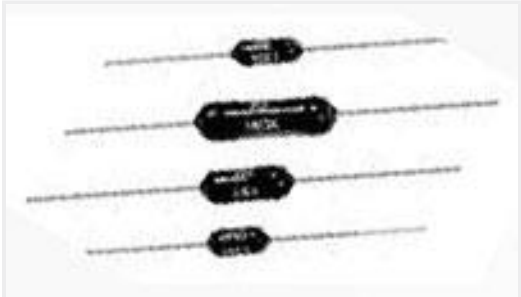
TE Part #1-163084-0
SPEC. PLATED



TE Part #164163-1
PIN ASS



TE Part #6-160449-2
FF 250 REC 1.0-2.5MM2 TPPB LP



TE Part #7-1879663-1
H8 576R 0.1% 15PPM

Documents

Product Drawings

PIN ASS

English

CAD Files

Customer View Model

ENG_CVM_CVM_164164-1_F1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_164164-1_F1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_164164-1_F1.2d_dxf.zip

English

3D PDF

3D

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

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

164164-1

Pin Contact, Tin (Sn), Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG, .
75 – 1.5 mm² Wire, Crimp, Brass, Power & Signal, AMP M Series



Product Specification

English