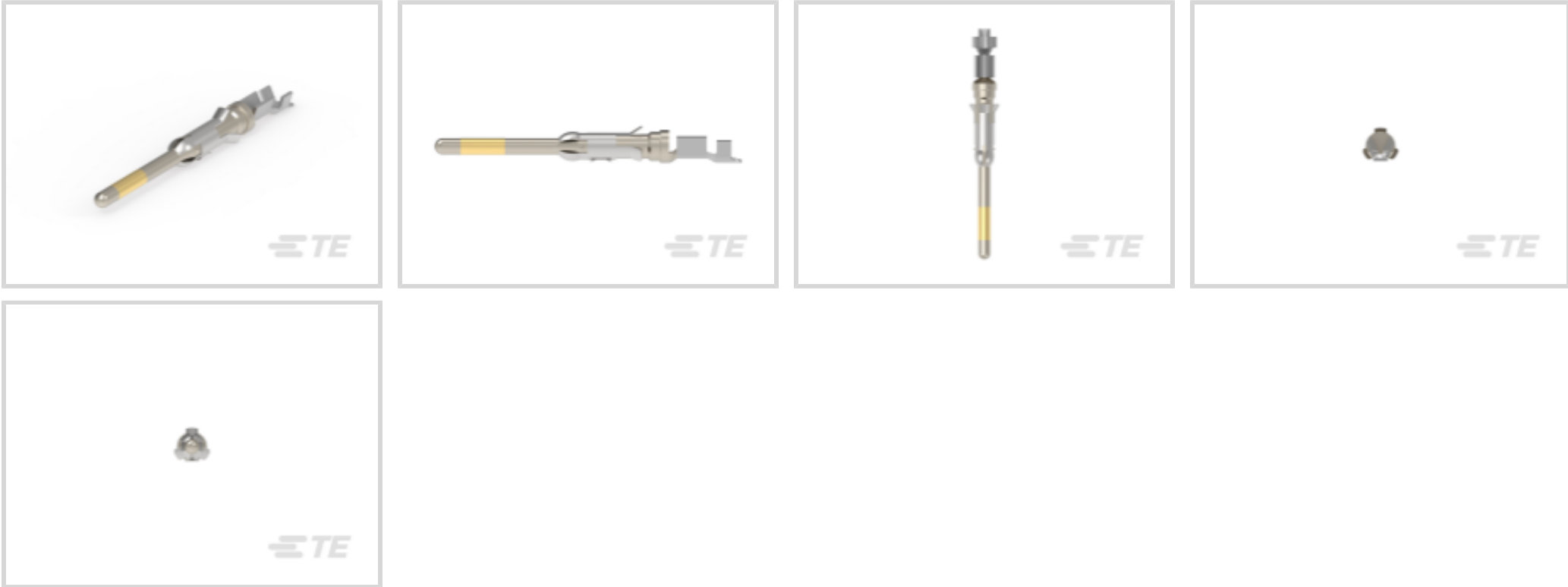




Connectors > Contacts > Connector Contacts



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

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	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.076 µm[3 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold Flash
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
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Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 in]
Wire Size	.2 – .5 mm²

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	200
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

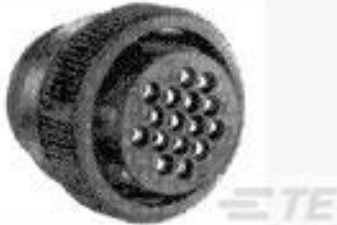
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 208488-3 CMC PLUG ASSEMBLY, SZ 22	 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19
 TE Part # 208714-2 CMC PLUG ASSEMBLY, SZ 14-7	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16
 TE Part # 208720-1 PLUG ASSY, SZ 14, CMC	 TE Part # 208470-3 CMC PLUG ASSEMBLY, SZ 28	 TE Part # 1977887-1 PLUG ASSY, 23-37 STD SEX THRD AD, UV RESIS	 TE Part # 788153-2 SLD CPC PLUG ASSY, 11-4, REV SEX
 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 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

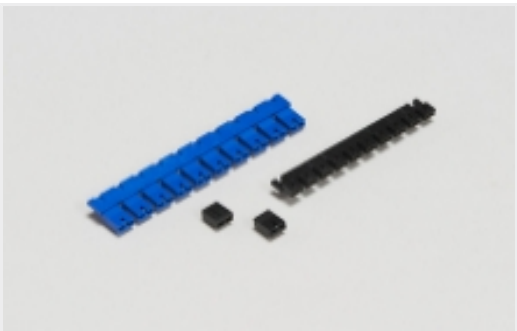


TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



Connector Contacts(51)



Connector Hardware(47)



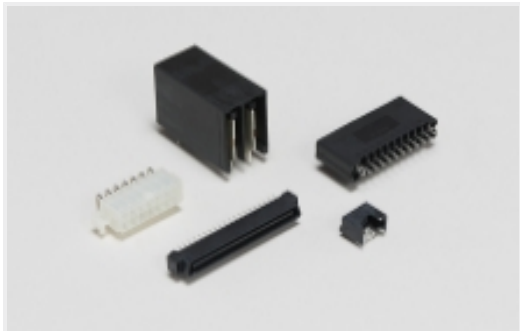
Power Contacts(51)



Rectangular Connector Housings(77)



Rectangular Power Connectors(82)

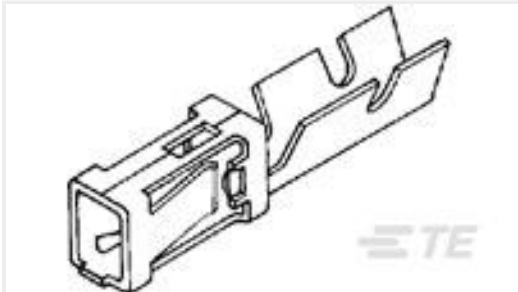


Standard Rectangular Connectors(81)

Customers Also Bought



TE Part #208714-1
CMC PLUG ASSEMBLY, SZ 14-7



TE Part #280702-1
AMPMODU CONT.



TE Part #4-2176341-3
CRGCQ 0805 33K 1%



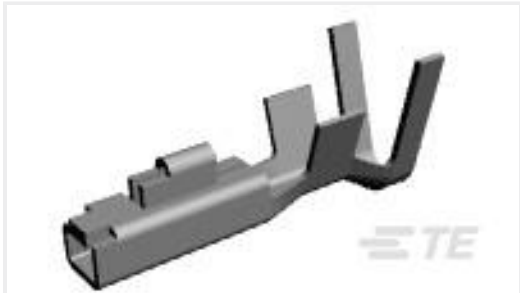
TE Part #7-1879335-3
CPF 0603 121R 1% 50PPM 1K RL



TE Part #6694470001
TMS-SCE-1K-3/8-2.0-S1-4



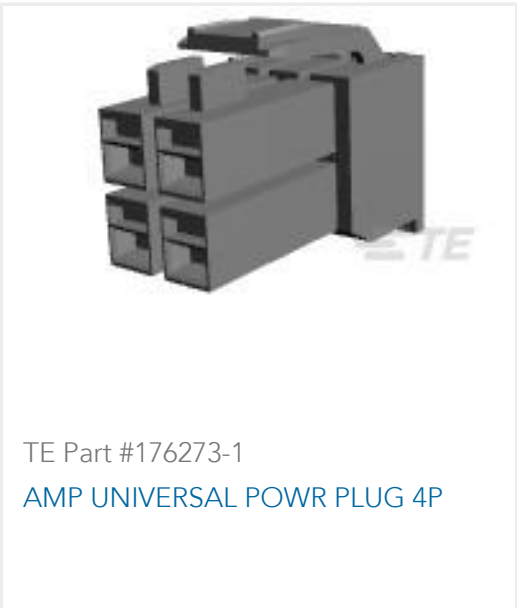
TE Part #175150-2
AMP UNIVE. POWER CONN TAB CONT



TE Part #175152-2
AMP UNIVE. POWER CONN REC CONT



TE Part #176284-1
AMP UNIVERSAL POWER CAP 4P



Documents

Product Drawings

[PIN ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_164163-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_164163-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_164163-2_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Product Specification](#)

English