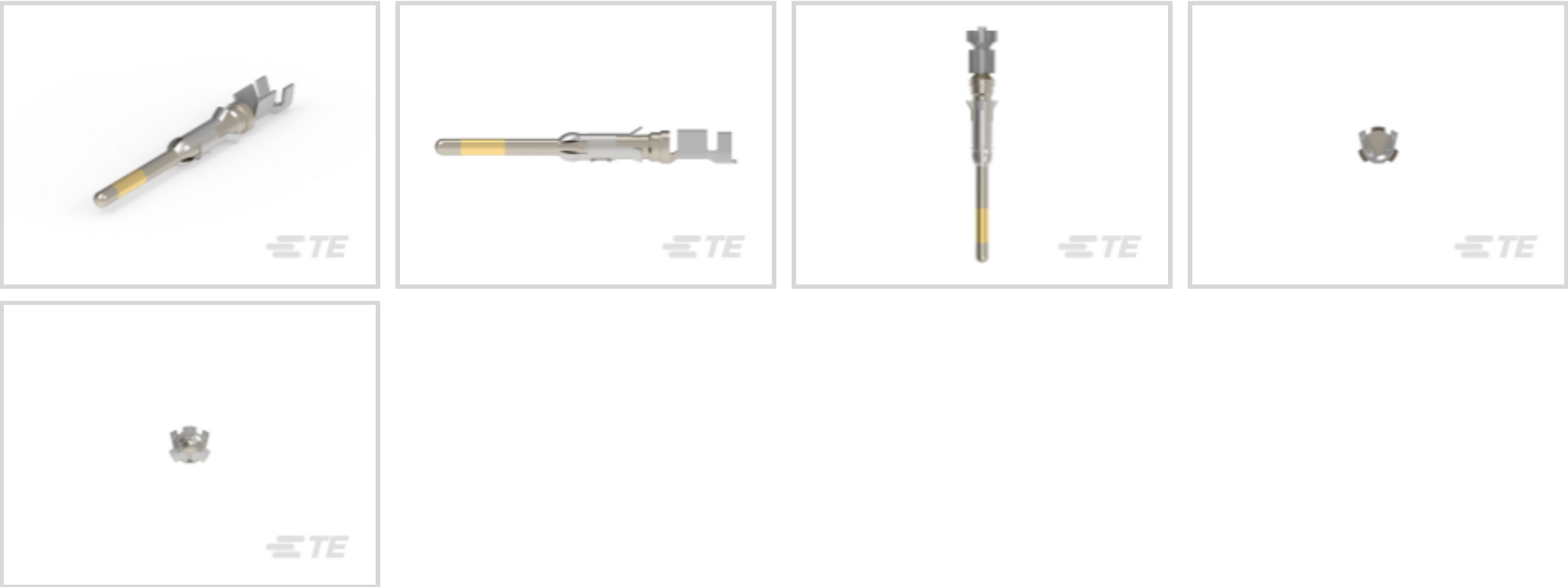




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
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 Shape & Form	Round
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
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
Mating Pin Diameter	1.58 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.01 µm[40 µin]



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

Termination Features

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

Mechanical Attachment

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

Dimensions

Wire Size	.75 – 1.5 mm²
Compatible Insulation Diameter Range	2 – 2.5 mm[.079 – .098 in]

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	Blue
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per



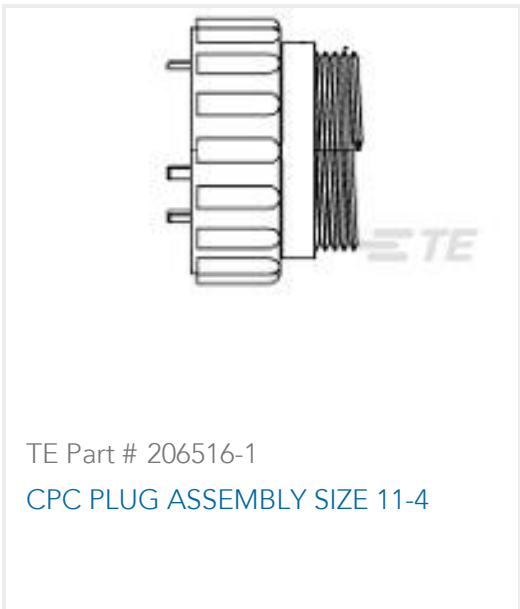
homogenous material. Also BFR/CFR/PVC Free

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

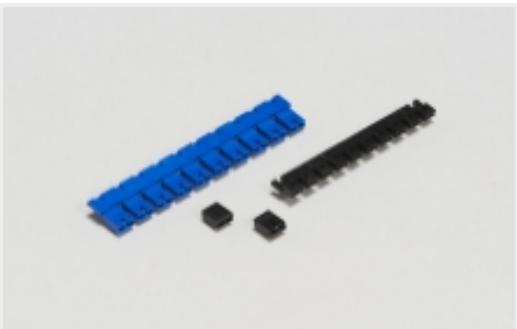
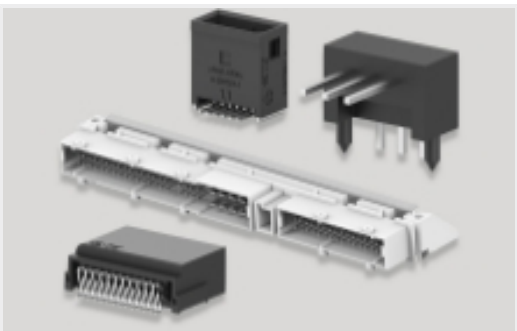
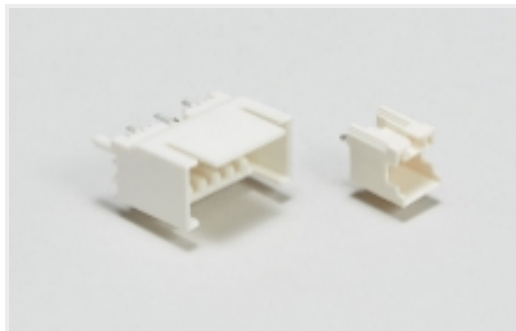
 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213849-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 208716-1 CMC PLUG ASSEMBLY, SZ 14
 TE Part # 208718-2 CMC PLUG ASSEMBLY, SZ 14-5	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 1977878-1 SLD CPC PLUG ASSY, 11-4, STD SEX, UV RESIST
 TE Part # 796274-1 SLD CPC PLUG ASSY, 17-16, STD SX	 TE Part # 796188-1 SLD CPC PLUG ASSY, 23-24, STD SX	 TE Part # 796271-1 SLD CPC PLUG ASSY, 17-14, REV SX	 TE Part # 796274-2 SLD CPC PLUG ASSY, 17-16, STD SX



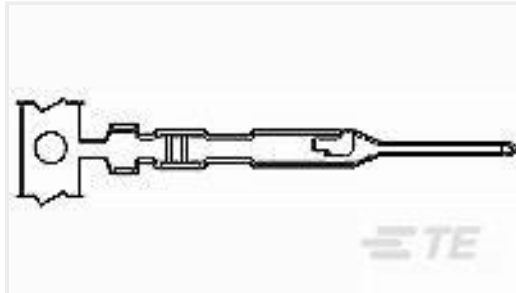
 TE Part # 5-2151023-1 OCEAN_2.0_Applicator-S-080F120O-RSM	 TE Part # 211768-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211400-1 CPC PLUG ASSEMBLY SIZE 13-7	 TE Part # 213850-1 CPC PLUG ASSEMBLY SIZE 23-37
 TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F120O-RSM	 TE Part # 208718-1 CMC PLUG ASSEMBLY,SZ 14-5	 TE Part # 206150-1 CPC PLUG ASSEMBLY SIZE 23-37

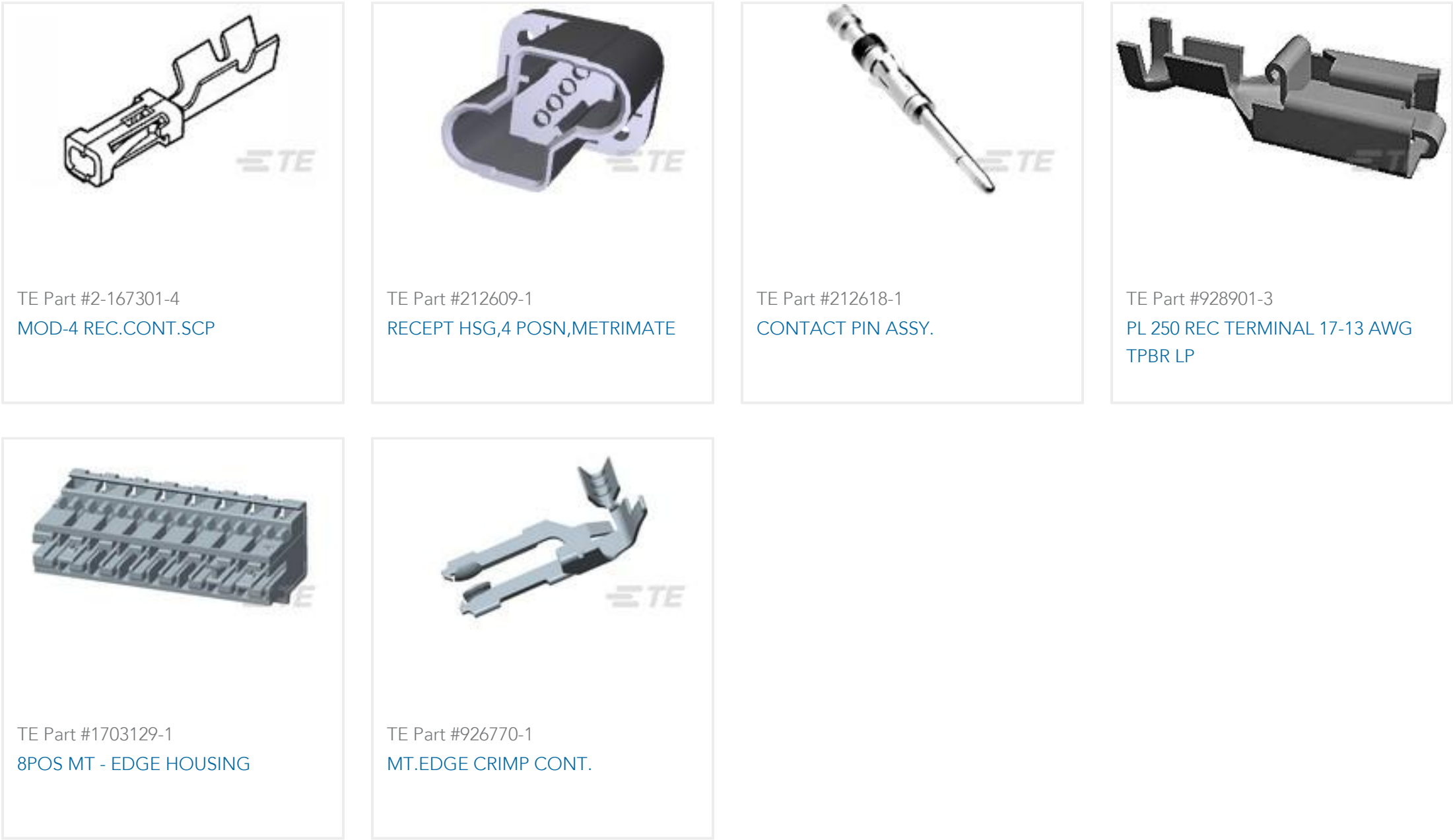
Also in the Series

AMP M Series

 Board-to-Board Jumpers & Shunts(3)	 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 #66102-3 III+ PIN,24-20,15AU/FL,STRIP	 TE Part #66106-7 III+ PIN,26-24,15AU/FL,STRIP	 TE Part #66564-8 III+ PIN,24-20,30AU/FL,STRIP	 TE Part #1-104505-0 MTE PIN 22-26 AWG PLTD
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Documents

Product Drawings
M-SRS.PIN BODY 3+

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_164161-4_W.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_164161-4_W.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_164161-4_W.3d_stp.zip

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Datasheets & Catalog Pages
Heavy Duty Connectors

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AMP Circular Connectors for Commercial Signal & Power Applications

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Signal Contacts

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M_SERIES_PIN_AND_SOCKET_CONNECTORS

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Product Specifications

Product Specification

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