



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Spring**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

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]
Contact Length	27.36 mm[1.077 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Closed
Contact Mating Area Plating Material Finish	Bright



Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
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	Without
Contact Retention Type Within Housing	Spring

Dimensions

Wire Size	2 mm ²
-----------	-------------------

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Identification Marking

Contact Color Code	Violet/Blue
--------------------	-------------

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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)
SVHC > Threshold:
Pb (2.5% in 3440316)

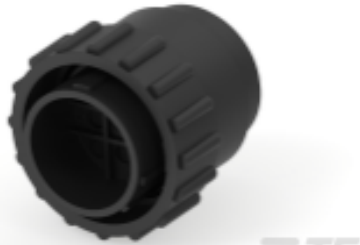
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 206708-1 CPC PLUG ASSEMBLY SIZE 13-9	 TE Part # 208718-1 CMC PLUG ASSEMBLY, SZ 14-5	 TE Part # 208470-1 CMC PLUG ASSEMBLY, SZ 28	 TE Part # 211400-1 CPC PLUG ASSEMBLY SIZE 13-7
 TE Part # 213848-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 211768-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 208457-1 CMC PLUG ASSEMBLY, SZ 28-24	 TE Part # 206837-1 CPC PLUG ASSEMBLY SIZE 23-24





TE Part # 213850-1
CPC PLUG ASSEMBLY SIZE 23-37



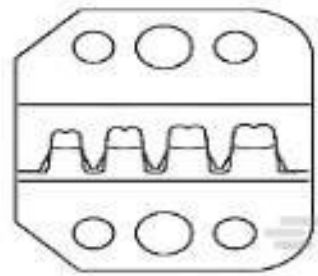
TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37



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



TE Part # 206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part # 58541-2
PRO-CRIMPER HAND TOOL DIE



TE Part # 796094-2
SLD CPC PLUG ASY,11-4,STD SEX



TE Part # 601967-1
CRIMPING TOOL M22520/1-01



TE Part # 788157-2
SLD CPC PLUG ASSY,13-9,STD SEX



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

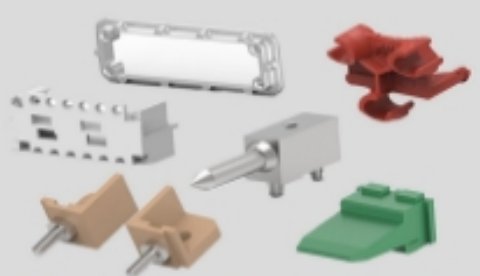
Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



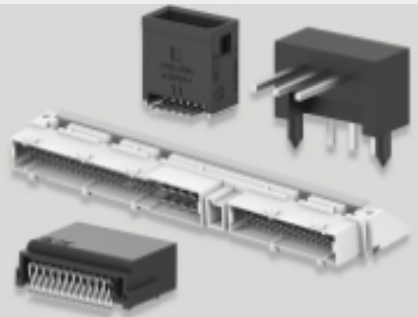
Connector Caps & Covers(14)



Connector Hardware(47)



Connector Strain Relief(13)



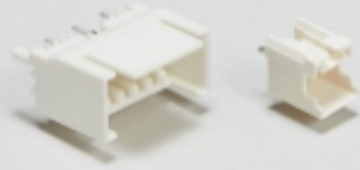
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



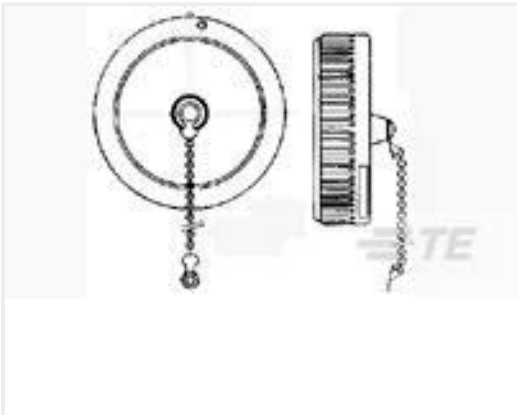
TE Part #200333-1
CONTACT SOC. ASSY.



TE Part #66259-4
MALE CONTACT ASSY. (L.P.)



TE Part #6-1393246-9
W23-X1A1G-25=W23/W31-



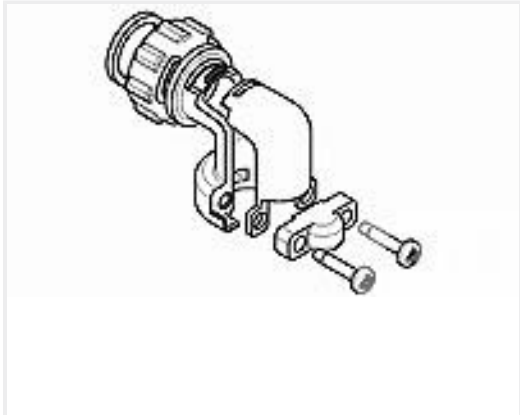
TE Part #211904-1
CMC DUST CAP ASSM SIZE 28



TE Part #201580-1
SKT CONT ASSY,TYPE II



TE Part #5535043-5
ASSY,RECEPTACLE,EUOCARD,TYPE



TE Part #1546347-2
R/A CABLE CLAMP KIT,SZ 11,CPC



TE Part #208471-1
CMC RECPT ASSEMBLY SIZE 28



TE Part #5-747912-4
25 PLUG SOLDER CUP STD DUPL, R



TE Part #206430-3
CPC RECPT ASSEMBLY SIZE 11-4

Documents

CAD Files

Customer View Model

[ENG_CVM_201570-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_201570-1_S.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_201570-1_S.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_201570-1_Y.2d_dxf.zip](#)

English

Customer View Model



[ENG_CVM_CVM_201570-1_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_201570-1_Y.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

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

Application Specification

Japanese

Application Specification

English

Type II Screw Machine Contacts

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

Application and Maintenance for Crimping Die Assemblies

English

Instruction Sheet (U.S.)

English

Application and Maintenance for Hand Crimping Tool

English

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English