212618-1 ✔ ACTIVE

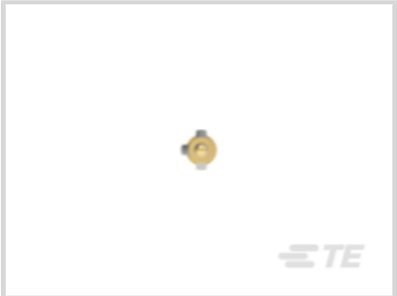
AMP | AMP M Series

TE Internal #: 212618-1

Gold (Au), Pin Contact, 14 AWG, 2 – 2.15 mm² Wire, Snap-In Contact Retention, Size 16, Crimp, Brass, Power, -55 – 105 °C [-67 – 221 °F], AMP M Series

View on TE.com >

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: **Snap-In**

Features

Product Type Features

Sealable	No

Contact Features

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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright

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	Without

Dimensions

Wire Size	2 – 2.15 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 74019106) 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 < 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 # 58541-1
PRO-CRIMPER HAND TOOL & DIE

TE Part # 200893-2
INSERTION TOOL CONT

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

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

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

TE Part # 1977878-1
SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST

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

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

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

TE Part # 796188-1
SLD CPC PLUG ASSY,23-24,STD SX

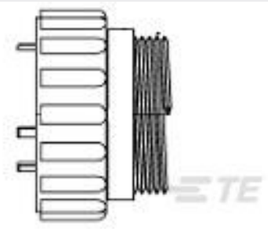
TE Part # 796271-1
SLD CPC PLUG ASSY,17-14,REV SX

TE Part # 796274-2
SLD CPC PLUG ASSY,17-16,STD SX

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

TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7

TE Part # 208488-3
CMC PLUG ASSEMBLY,SZ 22



TE Part # 206554-1
CPC PLUG ASSEMBLY SIZE 17-16

TE Part # 213852-1
CPC PLUG ASSEMBLY SIZE 23-19

TE Part # 211772-1
CPC PLUG ASSEMBLY SIZE 23-19

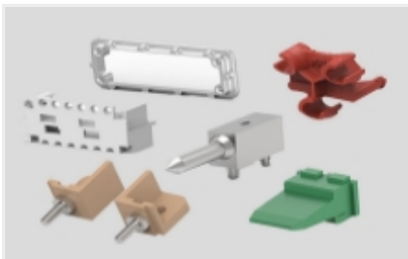
TE Part # 208470-3
CMC PLUG ASSEMBLY,SZ 28

TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(3)

Connector Contacts(51)

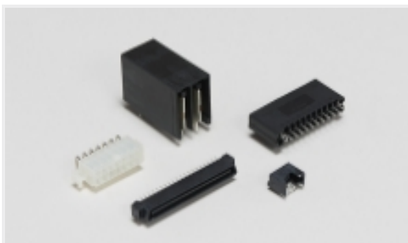


Connector Hardware(47)

Power Contacts(51)

Rectangular Connector Housings(77)

Rectangular Power Connectors(82)



Standard Rectangular Connectors(81)

Customers Also Bought

TE Part #164161-4
M-SRS.PIN BODY 3+

TE Part #193844-1
PIN ASSY. 14 AWG

TE Part #193846-1
SKT ASSY.

TE Part #201570-1
CONTACT PIN ASSY.

TE Part #212609-1
RECEPT HSG,4 POSN,METRIMATE

TE Part #1703129-1
8POS MT - EDGE HOUSING

TE Part #5745174-1
CABLE CLAMP KIT,SZ 4

TE Part #R-11550-3
ELE,TF,W/LEADS,P100,385,.12%

TE Part #926770-1
MT.EDGE CRIMP CONT.

TE Part #2267473-3
SIZE 23 PERIPHERAL SEAL, CPC

Documents

Product Drawings

CONTACT PIN ASSY.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_212618-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_212618-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_212618-1_E.3d_stp.zip

English

Customer View Model

ENG_CVM_212618-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_212618-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_212618-1_D.2d_dxf.zip

English

3D PDF

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

Application Specification

Japanese

Application Specification

English