201578-1 ✔ ACTIVE

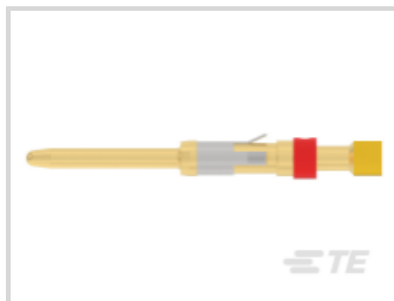
AMP | AMP M Series

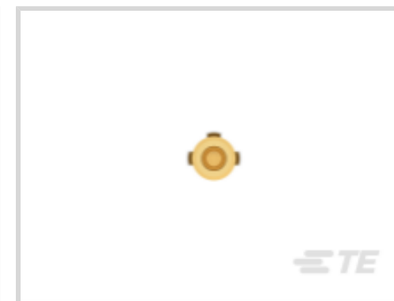
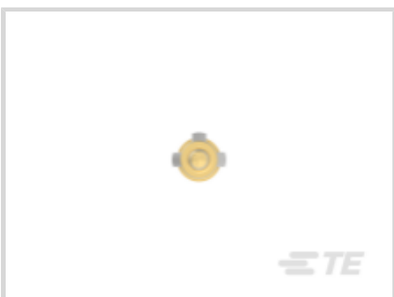
TE Internal #: 201578-1

Gold (Au), Pin Contact, 24 – 20 AWG, .2 – .6 mm² Wire, Snap-In Contact Retention, Size 16, Crimp, Brass, Power, 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]
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	.2 – .6 mm²
Compatible Insulation Diameter Range	1.02 – 1.57 mm[.04 – .062 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Identification Marking

Contact Color Code	Yellow/Red

Packaging Features

Packaging Quantity	900
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: 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 < 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 # 1-601967-6
POSITIONER TYPE II CONTACTS

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 # 132312-1
CONTACT PIN TYPE 2 AWG 24-20

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

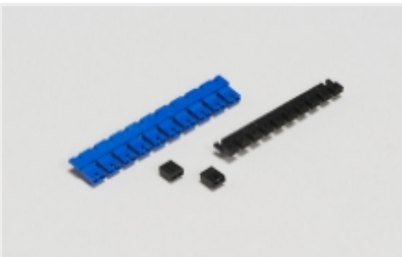
TE Part # 208488-3
CMC PLUG ASSEMBLY,SZ 22

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

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(3)

Connector Contacts(51)

Connector Hardware(47)

Power Contacts(51)

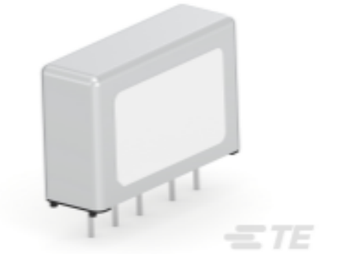
Rectangular Connector Housings(77)

Rectangular Power Connectors(82)

Standard Rectangular Connectors(81)

Customers Also Bought

TE Part #FS2050-0000-1500-G
FS2050 COMPRESSION LC1500 GRAM



TE Part #800586-SF
FN406-1-02

TE Part #31518
TERMINAL,DG R 26-22 2

TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals

TE Part #5-102617-8
20 MODII HDR DRRA SHRD LF

TE Part #201847-1
50 PL. STR. REL. CLAMP

TE Part #205559-3
AMPLIMITE,ASY,RCPT,STD,109,3,KIT

TE Part #2-1617038-1
HMB1201K01M = M39016/22-009M

TE Part #2-1617038-8
HMB1230K01P = M39016/22-005P

Documents

Product Drawings

CONTACT PIN ASSY.

English

CAD Files

Customer View Model

ENG_CVM_201578-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_201578-1_U.3d_stp.zip

English

Customer View Model

ENG_CVM_201578-1_U.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_201578-1_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_201578-1_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_201578-1_AD.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.)

Japanese

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Application and Maintenance for Crimping Die Assemblies

English

Instruction Sheet (U.S.)

English