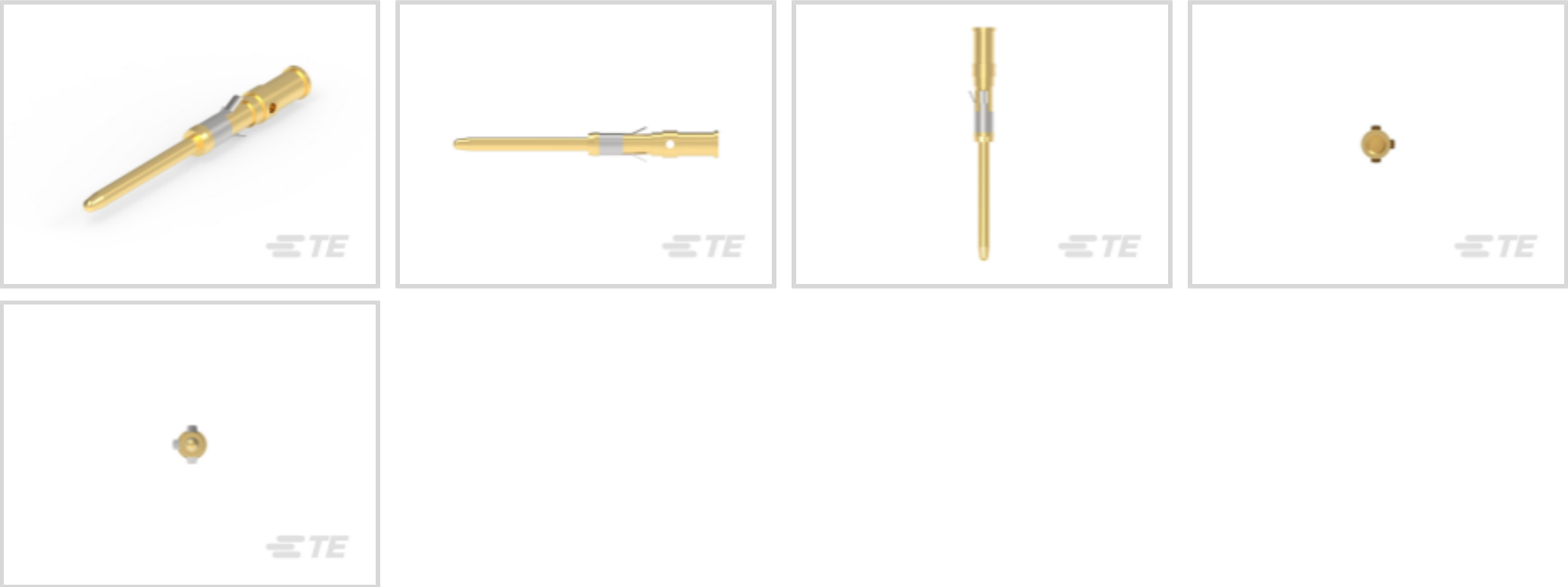




Connectors > Contacts > Connector Contacts



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
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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	.8 – 1.4 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.8 – 1.4 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	Without
Dimensions	
Wire Size	.8 – 1.4 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Identification Marking	
Contact Color Code	Blue
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: 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 # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 91539-1
CCII TYPE II SKT 22-14 2x18 ASSY

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

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

TE Part # 200893-2
INSERTION TOOL CONT

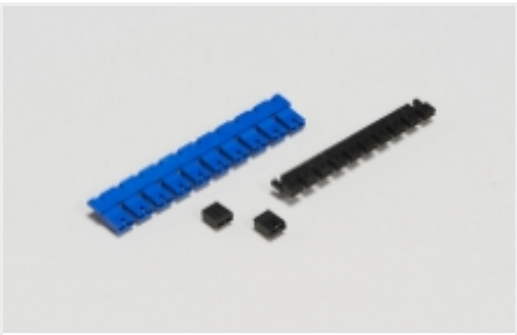
TE Part # 1-601967-6
POSITIONER TYPE II CONTACTS

TE Part # 1-601967-5
POSITIONER TYPE II CONTACTS

TE Part # 58541-1
PRO-CRIMPER HAND TOOL & DIE

TE Part # 539972-1
EXTRACTION TOOL

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(4)



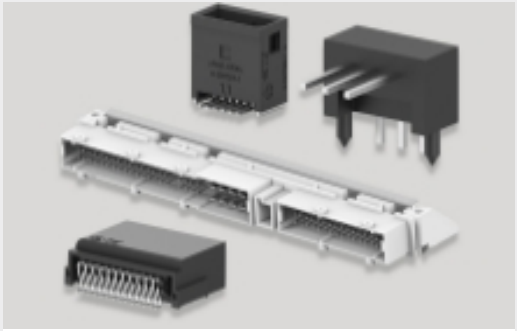
Connector Caps & Covers(14)



Connector Contacts(51)



Connector Strain Relief(13)



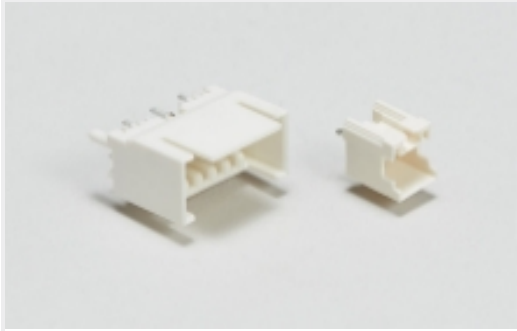
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

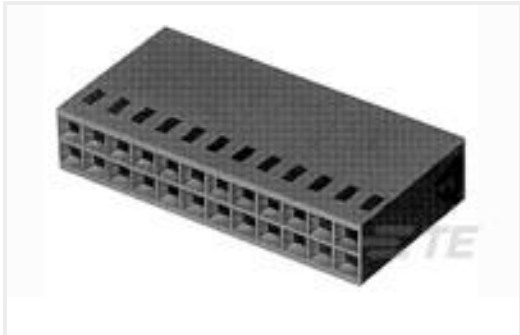
Customers Also Bought



TE Part #800559-SF
FN2060-10-07



TE Part #31423
TERMINAL,BUDG R 26-22, 0



TE Part #1-87456-6
20 MODIV HSG DR MRKD .100CL



TE Part #178303-3
6-P POST HDR HORZ D-3100D PdNi & Au .76



TE Part #201089-4
SERIES"M" JACKSCREW SOCKET ASS



TE Part #202508-1
CONTACT SOCKET ASSY.



TE Part #3-640429-2
02P MTA156 CONN ASSY 24AWG WHT



TE Part #926902-1
UNIV-MNL SPLIT ST



TE Part #1445049-4
FREE HANG SNGL ROW HSG 4 POS



TE Part #1445049-5
FREE HANG SNGL ROW HSG 5 POS

Documents



Product Drawings

PIN CONTACT ASSY.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_204219-1_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_204219-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_204219-1_M.3d_stp.zip

English

Customer View Model

ENG_CVM_204219-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_204219-1_K.3d_stp.zip

English

Customer View Model

ENG_CVM_204219-1_K.2d_dxf.zip

English

3D PDF

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

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