1-201692-1 ✔ ACTIVE

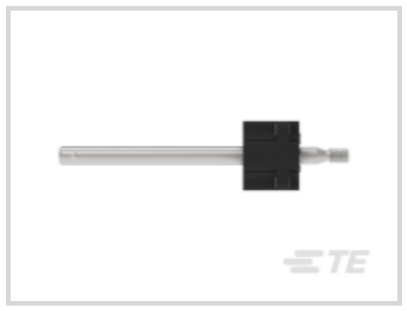
AMP | AMP M Series

TE Internal #: 1-201692-1

104 Position, Plug, Housing, Crimp, Cable-to-Cable / Cable-to-Panel, UL 94V-0, 3.81 mm [.15 in] Centerline, 8 Row, 250 VAC, Wire & Cable, AMP M Series

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Retention: **With**

Mating Retention Type: **Center Fastener**

Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	104
Number of Rows	8
Number of Power Positions	104
Number of Signal Positions	104

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Retention Within Housing	With
Contact Type	Pin
Contact Current Rating (Max)	13 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
Panel Mount Feature Type	Screw Mount
Mating Retention	With
Mating Retention Type	Center Fastener
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]
Housing Material	Phenolic GF

Dimensions

Connector Width	28.7 mm[1.13 in]
Connector Height	71.88 mm[2.83 in]
Connector Length	120.07 mm[4.227 in]
Row-to-Row Spacing	3.3 mm[.13 in]
Wire Size	.05 – 2 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1

Packaging Method	Carton

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 2025 (250) Does not contain REACH SVHC
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

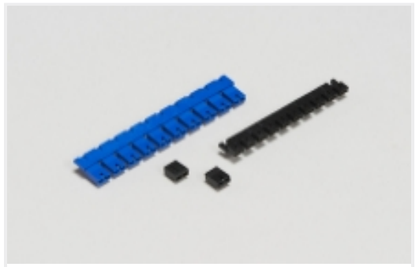
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 201532-4
RECEPT BLOCK,104 POSN,M SERIES

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(3)



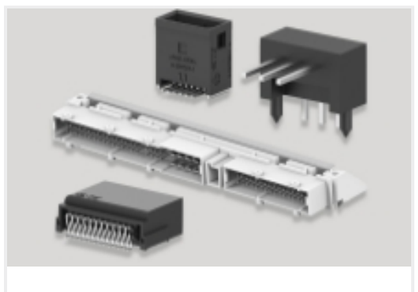
Connector Caps & Covers(14)



Connector Contacts(51)



Connector Strain Relief(13)



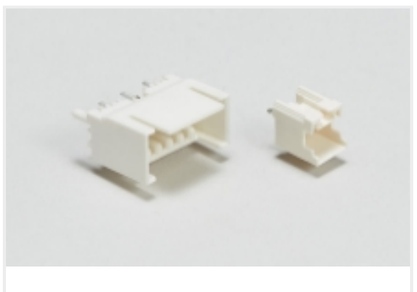
PCB Headers & Receptacles(9)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #66103-1
III+ PIN,24-20,30AU>10,LP



TE Part #66105-1
III+ SKT,24-20,30AU>10,LP



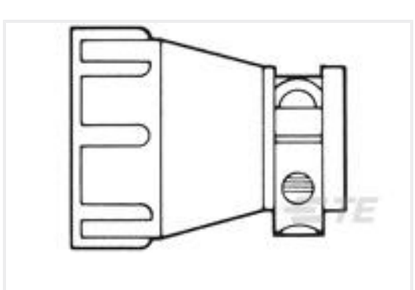
TE Part #201692-4
CNTR FASTENER PLUG BLOCK,104P



TE Part #202119-2
PIN HOOD



TE Part #202173-7
104 CTR. FASTNR. GUIDE PIN ASY



TE Part #1-206138-0
CABLE CLAMP ASSY,BULK PACKED



TE Part #206437-1
CPC PLUG ASSEMBLY SIZE 23-57



TE Part #1-640250-0
10P SL156 HSG W/LCK RAMP NATL



TE Part #770103-1
15P .093 COMM P&S RECPT



TE Part #4-1393117-2
KUP-11D11-24=KU

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-201692-1_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-201692-1_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_1-201692-1_AN.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-1_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-1_AY.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-1_AY.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Instruction Sheets

Instruction Sheet (U.S.)

English

M Series 104-Position Plug & Receptacle Connectors w/Center Fasteners

English