1-201692-6 ✔ ACTIVE

AMP | AMP M Series

TE Internal #: 1-201692-6

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

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	Polyester GF

Dimensions

Connector Width	28.7 mm[1.13 in]
Connector Height	71.88 mm[2.83 in]
Connector Length	107.37 mm[4.227 in]
Row-to-Row Spacing	3.3 mm[.13 in]
Wire Size	.05 – 2 mm^2

Usage Conditions

Operating Temperature Range	-55 – 130 °C[-67 – 266 °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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

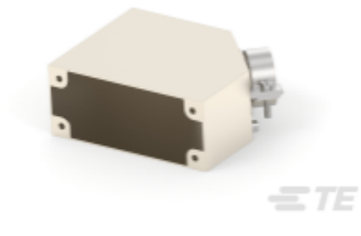
Product Compliance Disclaimer

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

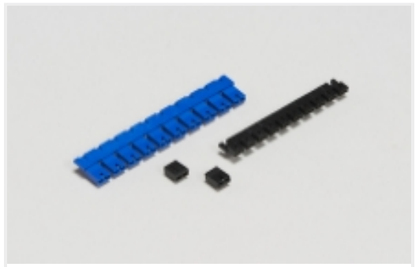


TE Part # 202174-5
GUIDE SOC. ASSY. 104 CTR. FSTN



TE Part # 202169-4
M-SERIES HALF SHIELD KIT

Also in the Series | AMP M Series



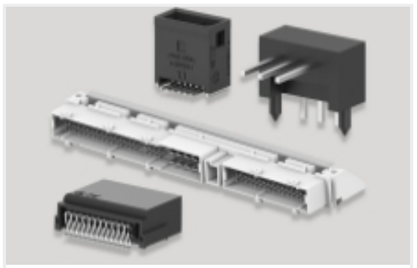
Board-to-Board Jumpers & Shunts(3)



Connector Caps & Covers(14)



Connector Strain Relief(13)



PCB Headers & Receptacles(9)



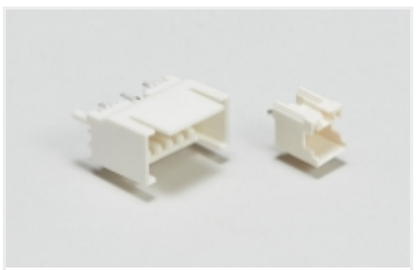
Power Contacts(51)



Rack & Panel Connectors(1)



Rectangular Power Connectors(82)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #52454-1
PG SPR SPD 22-16COMM 22-18MIL8



TE Part #52924-1
TERMINAL,PIDG SPR SPD 26-22 6



TE Part #66102-9
III+ PIN,24-20,30AU/FL,STRIP



TE Part #202169-1
M-SERIES HALF SHIELD KIT



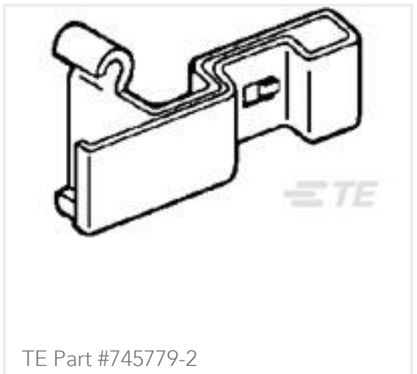
TE Part #202174-4
GUIDE SOC. ASSY. 104 CTR. FSTN



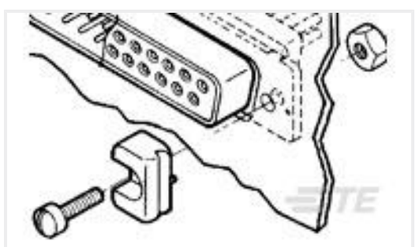
TE Part #640250-6
06P SL156 HSG W/LCK RAMP NATL



TE Part #745255-2
SPRING LATCH 2/BAG



TE Part #745779-2
HD SQZ TO RELEASE KIT



TE Part #747080-2
LATCH BLOCK/PACKAGED/.090 PANL



TE Part #794229-3
MINI UMNL2 SOK 22-18 AWG AU LP

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-201692-6_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-201692-6_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_1-201692-6_AN.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-6_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-6_AY.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-201692-6_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