2199119-4 ✔ ACTIVE

M.2 NGFF

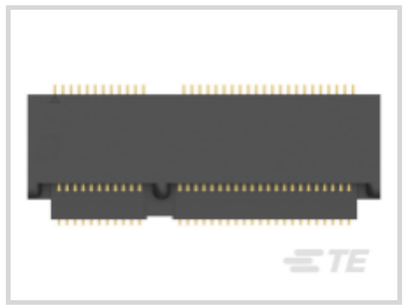
TE Internal #: 2199119-4

M.2 Connectors, Height .126 in [3.2 mm], Connector & Keying Code E, Gold, Power, -40 - 176 °F [-40 - 80 °C], M.2 NGFF

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > M.2 Connectors > M.2 Connectors







Connector Height: **3.2 mm [.126 in]**

Connector & Keying Code: **E**

Contact Mating Area Plating Material: **Gold**

Circuit Application: **Power**

Operating Temperature Range: **-40 - 80 °C [-40 - 176 °F]**

All M.2 Connectors (29)

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Positions	67

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Black
Connector & Keying Code	E

Contact Features

	15 µin

PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Gold Flash, Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	.5 mm[.02 in]

Dimensions

Connector Length	21.9 mm[.862 in]
Connector Width	8.7 mm[.343 in]
Connector Height	3.2 mm[.126 in]

Usage Conditions

Operating Temperature Range	-40 - 80 °C[-40 - 176 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

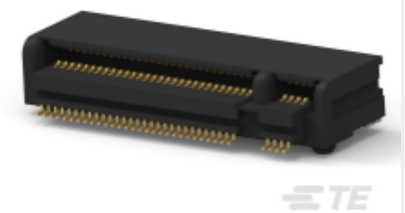
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

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 # CAT-M2-C76264
M.2 Connectors

Also in the Series | M.2 NGFF

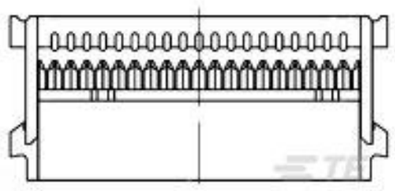


M.2 Connectors(32)

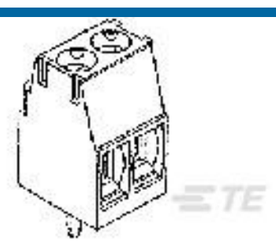
Customers Also Bought



TE Part # 2199119-5
M.2 0.5PITCH 3.2H KEY B 30U'' AU



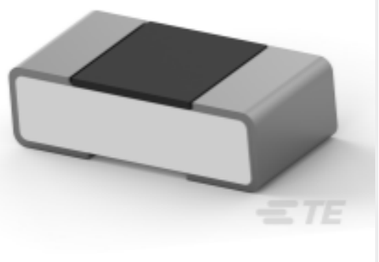
TE Part # 1658526-8
609-1430LF FEM SOCKT,LEAD FREE



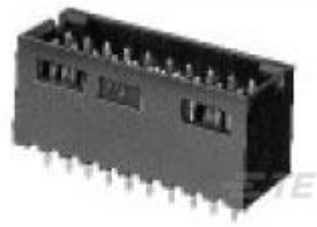
TE Part # 284391-4
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part # 4-2176328-8
CRGP 1206 82K 1%



TE Part # 1-2176364-0
RQ 0402 5K76 0.1% 10PPM 5K RL



TE Part # 1-102618-1
26 MODII HDR DRST SHRD .100CL

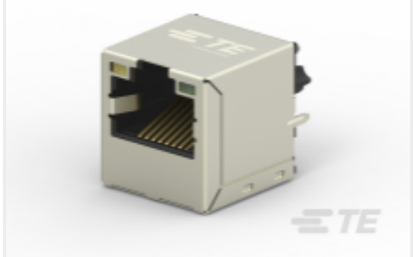


TE Part # 5406443-1
MJ ASSY,2P,8POS,R/A,PCB,CAT5



TE Part # 5-1462000-3
C93425=MT Relay 400 mW 24 V

TE Part # 167049-E
IDCCS SMC 1,27 12 * AU AUI 50 PVC



TE Part # 2301995-3
RJ45 JACK INT.MAG. 10/100 LED 1X1 VERT.

Documents

Product Drawings

M.2 0.5PITCH 3.2H KEY E 15U'' AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2199119-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2199119-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2199119-4_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773702-1_NGFF_QRG-EN

English

1-1773706-1NGFF_QRG-SC

Product Specifications

Application Specification

English