2199119-5 ✔ ACTIVE

M.2 NGFF

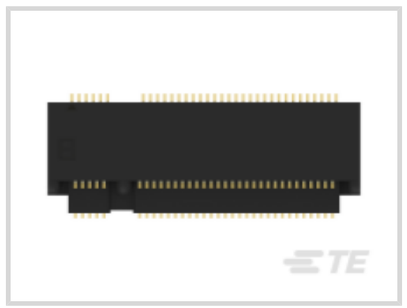
TE Internal #: 2199119-5

Height 3.2 mm [.126 in], Connector & Keying Code B, Gold, Power, -40 – 85 °C [-40 – 185 °F], M.2 NGFF, M.2 Connectors

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: **B**

Contact Mating Area Plating Material: **Gold**

Circuit Application: **Power**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °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	B

Contact Features

	30 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 PCB	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 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Tape & Reel

Product Compliance

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

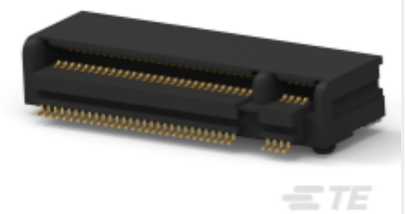
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



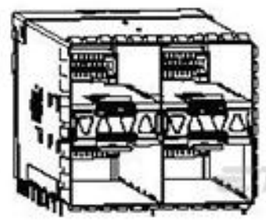
TE Part #T4143012031-000
M12,FRONT MOUNTING,FEMALE,A CODE,3P



TE Part #5747190-2
09 RCPT SP/MS CNUT



TE Part #5102154-9
A/L UNIV HDR 40P VERT



TE Part #2198325-6
zSFP+ STACKED 2X2 RECEPTACLE ASSEMBLY



TE Part #1934331-1
Tin man Header Assy 5x16 Open



TE Part #4-2176330-6
CRGP 2010 56K 1%



TE Part #1-2329383-1
PB OFF/ON FC BLK M3 TERM. IP68



TE Part #2143313-2
IMP100S,H,RA2P16C,LG,OEW39,4.9

Documents

Product Drawings

M.2 0.5PITCH 3.2H KEY B 30U'' AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2199119-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2199119-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2199119-5_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773702-1_NGFF_QRG-EN

English

1-1773706-1NGFF_QRG-SC

Product Specifications

Application Specification

English