1-2199119-6 ✓ ACTIVE

M.2 NGFF

TE Internal #: 1-2199119-6

3.2 mm [.126 in] Height, M Code, Gold (Au), Power, -40 – 80 °C [-40 – 176 °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: **M**

Contact Mating Area Plating Material: **Gold (Au)**

Circuit Application: **Power**

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

All M.2 Connectors (29)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Black
Connector & Keying Code	M

Contact Features

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

Contact Mating Area Plating Material	Gold (Au)

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 Width	8.7 mm[.343 in]
Connector Length	21.9 mm[.862 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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 #6-1625984-9
HSA50 560R 5%

TE Part #1658723-2
ASSY SFP CAGE 1X4 SOLDER TAIL

TE Part #2-2013297-1
EMBOSS TAPE DDR3 204P 8H STD

TE Part #2309412-1
DDR4 SODIMM 260P 8.0H RVS

TE Part #CAT-M2-C76264

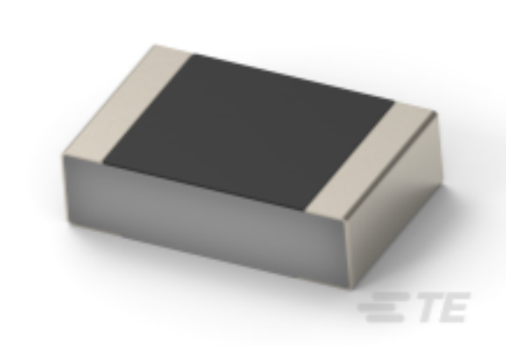
M.2 Connectors

TE Part #1-2199230-1

M.2 0.5PITCH 4.2H KEY E 10U'' AU

TE Part #534237-3

05 MODII VRT SR CE 100/115



TE Part #9-2176073-2

CPF 0201 4K75 0.5% 25PPM 1K RL

TE Part #2170744-4

CAGE ASSEMBLY, 1X4, QSFP28, SPRING

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2199119-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2199119-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2199119-6_C.3d_stp.zip

English

Datasheets & Catalog Pages

1-1773702-1_NGFF_QRG-EN

English

Product Specifications

Application Specification

English