



**MICRO-EDGE**

TE Internal #: 5822030-4

Vertical Module Orientation, 80 Position, -55 – 105 °C [-67 – 221 °F],

SIMM Sockets

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Connectors > Socket Connectors > Memory Sockets > SIMM Sockets



Module Orientation: **Vertical**

Number of Positions: **80**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

**Features**

**Contact Features**

Pin Pitch	200 µin
Contact Current Rating (Max)	1 A
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin
Memory Socket Type	Memory Card
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

**Configuration Features**

Module Orientation	Vertical
Number of Positions	80
Number of Keys	1
Number of Rows	1

**Usage Conditions**

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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### Body Features

Retention Post Location	Center
Latch Plating Material	Nickel
Latch Material	Brass
Connector Profile	Standard

### Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.66 mm, 3.05 mm [.144 in] [.12 in]

### Mechanical Attachment

Connector Mounting Type	Board Mount
Polarization	Left
Mating Alignment Type	Center Post

### Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	1.27 mm [.05 in]

### Dimensions

Center Retention Hole Diameter	2.45 mm [.096 in]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tube, Box & Tube
Packaging Quantity	45

## 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	Wave solder capable to 240°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



## Customers Also Bought



## Documents

### Product Drawings

[80 ME .050 VERT M/L PB-FREE](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_5822030-4\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5822030-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5822030-4\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

[MICRO-EDGE SIMM \(Single In-Line Memory Module\) Connectors](#)

English