



**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]**

**Features**

**Product Type Features**

Connector & Contact Terminates To	Printed Circuit Board
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**Configuration Features**

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

**Body Features**

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

**Contact Features**

Contact Current Rating (Max)	1 A
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin (Sn)
Memory Socket Type	Memory Card



Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]

### Termination Features

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

### Mechanical Attachment

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

### Housing Features

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

### Dimensions

Center Retention Hole Diameter	2.45 mm[.096 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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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	Box & Tube, Tube
Packaging Quantity	45

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 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