

MICRO-EDGE

TE Internal #: 5822030-4
SIMM Sockets, Vertical Module Orientation, 80 Position, Through Hole - Solder, 1.27mm [.05in] Centerline, 1 Row, Printed Circuit Board

[View on TE.com >](#)



Connectors > Socket Connectors > Memory Sockets > SIMM Sockets



Module Orientation: **Vertical**
Number of Positions: **80**
PCB Mounting Style: **Through Hole - Solder**
Centerline (Pitch): **1.27 mm [.05 in]**
Number of Rows: **1**

Features

Product Type Features

Center Post	With
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket
Profile	Standard

Configuration Features

Center Key	None
Number of Keys	1
Module Orientation	Vertical
Number of Positions	80
Number of Rows	1

Body Features

Ejector Location	None
Latch Material	Brass



Retention Post Location	Center
Latch Plating Material	Nickel

Contact Features

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

Termination Features

Insertion Style	Cam-In
Termination Post Length	3.05 mm, 3.66 mm[.12 in][.144 in]

Mechanical Attachment

Polarization	Left
PCB Mounting Style	Through Hole - Solder
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Center Retention Hole Diameter	2.45 mm[.096 in]
--------------------------------	------------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Box & Tube, 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



TE Part # 1759503-1

mini PCI-E 8H Type I PKG G/F

Customers Also Bought



TE Part #2-406549-1
IMJ,1X1,PNL GRD,LED(G/Y), SN

TE Part #292303-1
Std USB Type A, R/A, T/H

TE Part #8-2176397-1
3502 2K2 1%

TE Part #2176406-9
3560 2R2 1%

TE Part #2-2176346-4
CRGCQ 1210 6K8 5%

TE Part #282959-4
TERMI-BLOK PLUG 4P. 7

TE Part #3-435470-1
DIP SW ASSY-BLK MPMT-4POS

TE Part #2127933-1
SFP+ to SFP+ I/O Cable Assembly: 26 AWG

TE Part #3-2027011-9
KRPA-11DGF-125=RELAY,10A,2C, AGCDO,GOLD F

TE Part #20004013-00
PRESS XDCR M325P-00000E-025BG

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