



Connectors > Socket Connectors > Memory Sockets > DIMM Sockets



DRAM Type: **Single Data Rate (M3)**

Connector System: **Board-to-Board**

Number of Positions: **90**

PCB Mounting Style: **Surface Mount**

Module Orientation: **Vertical**

Features

Product Type Features

DRAM Type	Single Data Rate (M3)
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Number of Positions	90
Module Orientation	Vertical

Body Features

PCB Retention Feature Material	Stainless Steel
Ejector Material Color	Silver
Ejector Location	Left End Only
Retention Post Location	None
Ejector Material	High Temperature Thermoplastic
Module Key Type	Offset Right
Connector Profile	Standard
Ejector Type	Locking

Contact Features

Memory Socket Type	Memory Card
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Socket Style	DIMM
PCB Contact Termination Area Plating Material Thickness	3 µm[118.1 µin]
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Termination Features

Insertion Style	Cam-In
Termination Post & Tail Length	2.6 mm[.083 in]

Mechanical Attachment

Mating Alignment Type	Offset Left
Mount Angle	Vertical
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Profile Height from PCB	30.4 mm[1.19 in]
Row-to-Row Spacing	1.6 mm[.06 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °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 Quantity	80
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Packaging Method

Box & Tray, Tray

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 2022
(224)
Not Yet Reviewed

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 265°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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Documents

Product Drawings

[MIII \(V\) BLACK](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_6376118-2_O.2d_dxf.zip](#)

English

Customer View Model



[ENG_CVM_6376118-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6376118-2_O.3d_stp.zip](#)

English

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

Product Specifications

MIII SOCKET VERTICAL 90P Pb-Free

Japanese

Product Specification

Japanese