

1932031-5 ✓ ACTIVE

DDR3 DIMM, Neohm LR

TE Internal #: 1932031-5

DDR3 DIMM, DIMM Sockets, Double Data Rate (DDR) 3, Board-to-Board, 240 Position, Through Hole - Solder, Vertical Module Orientation

[View on TE.com >](#)



Connectors > Socket Connectors > Memory Sockets > DIMM Sockets > DDR3 DIMM SOCKETS



DRAM Type: **Double Data Rate (DDR) 3**

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

Number of Positions: **240**

PCB Mounting Style: **Through Hole - Solder**

Module Orientation: **Vertical**

[All DDR3 DIMM SOCKETS \(13\)](#)

Features

Product Type Features

Center Post	With
DRAM Type	Double Data Rate (DDR) 3
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket
Profile	Standard

Configuration Features

Center Key	Offset Left
Number of Keys	1
Number of Bays	2
Number of Positions	240
Module Orientation	Vertical
Keying	Standard
Number of Rows	2

Electrical Characteristics

DRAM Voltage	1.5 V
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Body Features

Ejector Material Color	Natural
Retention Post Material	Brass
Ejector Material	High Temperature Nylon
Ejector Location	Both Ends
Latch Material	High Temperature Thermoplastic
Module Key Type	Offset Left
Latch Color	Natural
Retention Post Location	Both Ends
Ejector Type	Standard

Contact Features

Socket Style	DIMM
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.38 μm [15 μin]
Solder Tail Contact Plating Thickness	3 μm [118.1 μin]
Socket Type	Memory Card

Termination Features

Insertion Style	Direct Insert
Termination Post Length	3.18 mm[.125 in]

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
PCB Mounting Style	Through Hole - Solder
Connector Mounting Type	Board Mount
Boardlock Material	Brass
Mounting Angle	Vertical

Housing Features

Centerline (Pitch)	1 mm[.039 in]
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Housing Material	High Temperature Nylon
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Housing Color	Natural
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Dimensions

Center Retention Hole Diameter	1.8 mm[.07 in]
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Height Above PC Board	23.1 mm[.91 in]
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Row-to-Row Spacing	1.9 mm[.075 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 & Tray, Tray
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Packaging Quantity	50
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 260°C
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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>

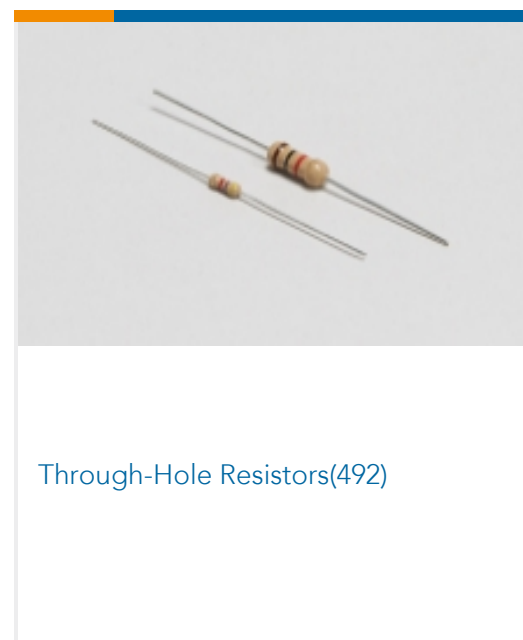
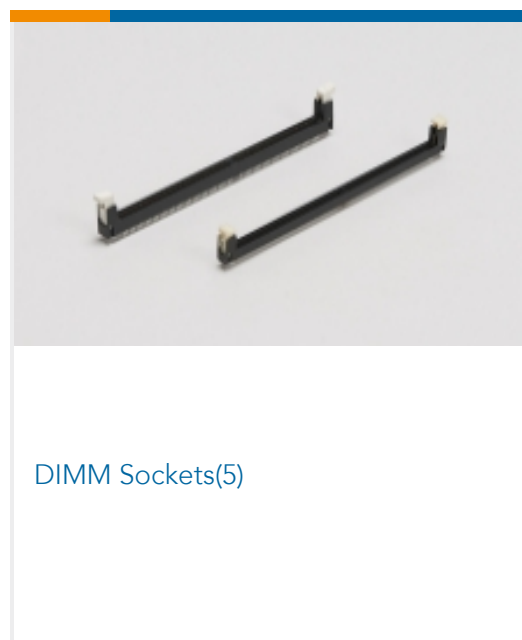
Compatible Parts



Also in the Series | DDR3 DIMM



Also in the Series | Neohm LR



Customers Also Bought



Documents

Product Drawings

VERTICAL DDR3 DIMM, 240 POSITION, LR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1932031-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932031-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932031-5_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[DDR3 DIMM Sockets Flyer 6-1773454-7 05/09](#)

English

[6-1773457-3_DDR3_DIMM_SOCKETS](#)

[Product Specifications](#)

[Product Specification](#)

English