



TE Internal #: 1871232-4
DIMM Sockets, Double Data Rate (DDR), Board-to-Board, 200
Position, Surface Mount, Right Angle Module Orientation, .6mm [.024in] Centerline
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Connectors > Socket Connectors > Memory Sockets > DIMM Sockets



DRAM Type: **Double Data Rate (DDR)**
Connector System: **Board-to-Board**
Number of Positions: **200**
PCB Mounting Style: **Surface Mount**
Module Orientation: **Right Angle**

Features

Product Type Features

Center Post	Without
DRAM Type	Double Data Rate (DDR)
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket
Profile	Standard

Configuration Features

Center Key	None
Number of Keys	1
Number of Bays	2
Number of Positions	200
Module Orientation	Right Angle
Keying	Standard
Number of Rows	2

Electrical Characteristics

DRAM Voltage	1.8 V
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Body Features

Retention Post Material	Copper Alloy
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Ejector Location	Both Ends
Latch Material	Stainless Steel
Latch Plating Material	Tin
Module Key Type	SGRAM
Ejector Type	Locking

Contact Features

Socket Style	SO DIMM
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold Flash
Socket Type	Memory Card

Termination Features

Insertion Style	Cam-In
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Mechanical Attachment

Locating Posts	With
Polarization	Left
PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount
Mounting Angle	Right Angle

Housing Features

Centerline (Pitch)	.6 mm[.024 in]
Housing Material	High Temperature Thermoplastic
Housing Color	Black

Dimensions

Profile Height from PCB	9 mm[.35 in]
Row-to-Row Spacing	6.2 mm[.244 in]
Stack Height	5.2 mm[.205 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 Method	Semi-Hard Tray
Packaging Quantity	20

Other

Comment	Solder peg plating, gold flash.
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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: JUL 2021 (219) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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

CAD Files

Customer View Model

ENG_CVM_CVM_1871232-4_A1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1871232-4_A1.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_1871232-4_A1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

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