2309414-1 ACTIVE

DDR4 DIMM

TE Internal #: 2309414-1

SO DIMM Sockets, Small Outline (SO), Stack Height .362 in [9.2 mm], Right Angle Module Orientation, Surface Mount Mount,

Cable-to-Board, DDR4 DIMM

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Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets > DDR4 SO DIMM SOCKETS



DRAM Type: Small Outline (SO)
Stack Height: 9.2 mm [.362 in]
Module Orientation: Right Angle
PCB Mounting Style: Surface Mount
Connector System: Cable-to-Board

All DDR4 SO DIMM SOCKETS (39)

Features

Product Type Features

Center Post	Without
DRAM Type	Small Outline (SO)
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket

Configuration Features

Center Key	Offset Right
Number of Keys	1
Module Orientation	Right Angle
Number of Positions	260
Number of Rows	2
Keying	Reverse
Electrical Characteristics	

1.2 V

Signal Characteristics

DRAM Voltage



SCRAM Voltago	1.2 V
SGRAM Voltage	1.Z V
Body Features	
Retention Post Material	Stainless Steel
Ejector Location	Both Ends
Latch Material	High Temperature Thermoplastic
Retention Post Location	Both Ends
Module Key Type	Offset Right
Ejector Type	Locking
Connector Profile	High
Contact Features	
Socket Style	SO DIMM
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	.5 A
Socket Type	Memory Card
Termination Features	
Insertion Style	Cam-In
Mechanical Attachment	
PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	.5 mm, 7.3 mm[.02 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic
Dimensions	
Stack Height	9.2 mm[.362 in]
Row-to-Row Spacing	8.2 mm[.322 in]
Usage Conditions	



Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Tape & Reel
Packaging Quantity	500

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) Candidate List Declared Against: JAN 2022 (223) 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

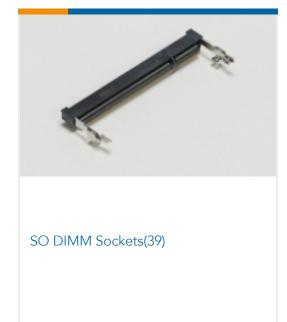
Compatible Parts





Also in the Series | DDR4 DIMM





Customers Also Bought















Documents

Product Drawings
DDR4 SODIMM 260P 9.2H RVS

English

CAD Files

3D PDF

3D



Customer View Model

ENG_CVM_CVM_2309414-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2309414-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2309414-1_1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English