

DDR SODIMM, DDR2 SO DIMM

TE Internal #: 1612507-3 DDR SODIMM, SO DIMM Sockets, Double Data Rate (DDR), Stack Height .205 in [5.2 mm], Right Angle Module Orientation, Surface Mount, Cable-to-Board

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DRAM Type: Double Data Rate (DDR) Stack Height: 5.2 mm [.205 in] Module Orientation: Right Angle

PCB Mounting Style: Surface Mount

Connector System: Cable-to-Board

All DDR2 SO DIMM Sockets (30)



Features

Product Type Features

DRAM Type	Double Data Rate (DDR)
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket
Configuration Features	
Number of Bays	2
Center Key	None
Number of Keys	1
Module Orientation	Right Angle
Number of Positions	200
Number of Rows	2
Keying	Standard

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Electrical Characteristics	
DRAM Voltage	2.5 V
Signal Characteristics	
SGRAM Voltage	2.5 V
Body Features	
Retention Post Material	Copper Alloy
Ejector Location	Both Ends
Latch Material	Stainless Steel
Latch Plating Material	Tin
Module Key Type	SGRAM
Ejector Type	Locking
Connector Profile	Standard
Contact Features	
Socket Style	SO DIMM
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 Tail
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	.6 mm[.024 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic
Dimensions	

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Stack Height	5.2 mm[.205 in]
Row-to-Row Spacing	6.2 mm[.244 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	Hard Tray
Packaging Quantity	16
Other	
Comment	Solder peg plating, tin.
Product Compliance	
For compliance documentation, visit the product page on TE.com>	

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	Reflow solder capable to 245°C

Compliant

Product Compliance Disclaimer

EU RoHS Directive 2011/65/EU

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

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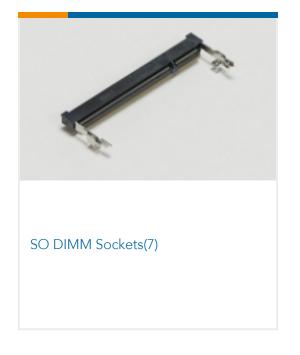


requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-onreach

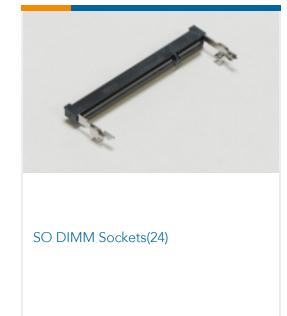
Compatible Parts



Also in the Series DDR SODIMM



Also in the Series DDR2 SO DIMM



Customers Also Bought



DDR SODIMM, SO DIMM Sockets, Double Data Rate (DDR), Stack Height .205 in [5.2 mm], Right Angle Module Orientation, Surface Mount, Cable-to-Board







Documents

Product Drawings HARD TRAY ASS'Y DDR SODIMM SOC

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_1612507-3_D1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1612507-3_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1612507-3_D1.3d_stp.zip

English

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Product Specifications Application Specification

English

Product Environmental Compliance TE Material Declaration

English