



DDR4 DIMM

TE Internal #: 2309413-3
DDR4 DIMM, SO DIMM Sockets, Small Outline (SO), Stack Height .362 in [9.2 mm], Right Angle Module Orientation, Surface Mount, Cable-to-Board

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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 Left
Number of Keys	1
Module Orientation	Right Angle
Number of Positions	260
Number of Rows	2
Keying	Standard

Electrical Characteristics

DRAM Voltage	1.2 V
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Signal Characteristics



SGRAM Voltage	1.2 V
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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 Left
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
Contact Mating Area Plating Material Thickness	.254 μm[10 μin]
Contact Current Rating (Max)	.5 A
Socket Type	Memory Card

Termination Features

Insertion Style	Cam-In
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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[.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]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: 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 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



TE Part # CAT-D33047-SO1339
DDR4 SO DIMM SOCKETS

Also in the Series | DDR4 DIMM

DIMM Sockets(69)

SO DIMM Sockets(39)

Customers Also Bought

TE Part #2-644489-6
Polyester Right Angle PCB Header:
2.54mm, Shrouded, With Mating
Alignment

TE Part #2149733-1
CXP Receptacle Kits

TE Part #1-87232-1
11 MODII HDR SRRA UNSHRD .100

TE Part #1123688-7
2.5 BATTERY CONN REC 10P

TE Part #2143019-2
IMP100S,H,RA2P10C,RG,LEW39,4.9

TE Part #6-1761612-3
STEP-Z PLUG 13MM 104P LF ST

TE Part #2309407-3
DDR4 SO DIMM SOCKETS

TE Part #1-6450830-9
MBXL R/A HDR 4P + 28S + 3ACP

TE Part #1-846290-5
LGH-4 SGL MOLDED END LEAD



Documents

Product Drawings

DDR4 SODIMM 260P 9.2H STD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2309413-3_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2309413-3_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2309413-3_1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English