



DDR4 DIMM

TE Internal #: 2309410-1
DDR4 DIMM, SO DIMM Sockets, Small Outline (SO), Stack Height .205 in [5.2 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: **5.2 mm [.205 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	200, 260
Number of Rows	2
Keying	Reverse

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	Copper Alloy
Ejector Location	Both Ends
Latch Material	High Temperature Thermoplastic
Retention Post Location	Both Ends
Ejector Type	Locking
Connector Profile	Low

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
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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, 3.3 mm[.02 in][.129 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Stack Height	5.2 mm[.205 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	800

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: 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

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 #208483-1
CMC SERIES 3

TE Part #2-2176230-4
SMD Power Resistor: 3 Watt, 5% Tol

With Normally Open Card Detection Switch

TE Part #5145323-1
SMT CARD CONN LOW PROFILE
8POS

TE Part #1734035-4
MINI USB, TYPE B, R/A, SMT, MYLAR
8POS

TE Part #2108517-2
DUAL BAND WiFi ANTENNA,
STAMPED METAL,SMD

TE Part #1-1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0

TE Part #1-2301994-2
RJ45 JACK INT.MAG. 1GB LED 1X1

TE Part #2-1623782-5
Wirewound Resistor: Vertical Mount

TE Part #1-1747981-2
Std HDMI, RA, SMT, Panel grd, Flange

TE Part #1879208-9
CPF 0402 22R 0.1% 25PPM 1K RL



Documents

Product Drawings

DDR4 SODIMM 260P 5.2H RVS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2309410-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2309410-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2309410-1_1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English