

DDR4 DIMM

TE Internal #: 2309412-1
Small Outline (SO), Stack Height 8 mm [.315 in], Right Angle
Module Orientation, 260 Position, DDR4 DIMM, SO DIMM Sockets
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Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets > DDR4 SO DIMM Sockets



DRAM Type: **Small Outline (SO)**
Stack Height: **8 mm [.315 in]**
Module Orientation: **Right Angle**
Number of Positions: **260**
Centerline (Pitch): **6.1 mm, .5 mm, 5.4 mm [.02 in]**

[All DDR4 SO DIMM Sockets \(39\)](#)

Features

Electrical Characteristics

DRAM Voltage	1.2 V
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Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Reverse Keying
PCB Mount Retention	With

Signal Characteristics

SGRAM Voltage	1.2 V
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Packaging Features

Packaging Quantity	500
Packaging Method	Tape & Reel



Contact Features

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

Body Features

Retention Post Location	Both Ends
Retention Post Material	Stainless Steel
Latch Material	High Temperature Thermoplastic
Module Key Type	Offset Right
Ejector Type	Locking
Ejector Location	Both Ends
Connector Profile	High

Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black
Centerline (Pitch)	6.1 mm, .5 mm, 5.4 mm[.02 in]

Configuration Features

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

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board
DRAM Type	Small Outline (SO)

Dimensions

Stack Height	8 mm[.315 in]
Row-to-Row Spacing	8.2 mm[.322 in]

Usage Conditions

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Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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(25)



SO DIMM Sockets(39)

Customers Also Bought



TE Part #1469362-1
HM-ZD VERT RECPT ASSY 18MM



TE Part #5555140-1
MJ,LPF,R/A,6P/6C,SHLD,PNL GRD



TE Part #2013290-1
SEMI-HARD TRAY DDR3 204P 5.2H
RVS



TE Part #1-178316-2
DYNAMIC D3100 HDR ASSY 6P V K/X
RVS



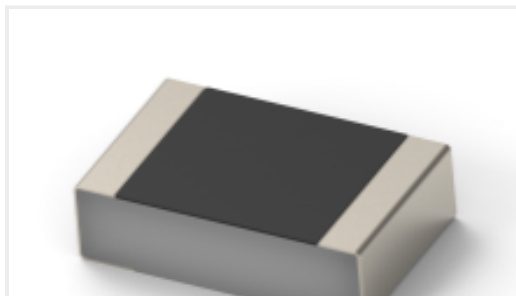
TE Part #CAT-D9934-A75F
DYNAMIC 3200 HDR ASSY



TE Part #2170744-4
CAGE ASSEMBLY, 1X4, QSFP28,
SPRING



TE Part #2013289-1
SEMI-HARD TRAY DDR3 204P 5.2H
STD



TE Part #9-2176073-2
CPF 0201 4K75 0.5% 25PPM 1K RL



TE Part #214550-E
MSPPM 5 M SMD M2 * A V 137 094 *
E008 J



Documents

Product Drawings
DDR4 SODIMM 260P 8.0H RVS
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2309412-1_1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2309412-1_1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2309412-1_1.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications
Application Specification
English