

DDR4 DIMM

TE Internal #: 2309411-1
Small Outline (SO), 8 mm [.315 in] Stack Height, 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): **.5 mm, 5.4 mm, 6.1 mm [.02 in]**

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

Features

Product Type Features

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

Configuration Features

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

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 Location	Both Ends
Retention Post Material	Stainless Steel
Latch Material	High Temperature Thermoplastic



Module Key Type	Offset Left
Ejector Type	Locking
Ejector Location	Both Ends
Connector Profile	High

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

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	Standard Keying
PCB Mount Retention	With

Housing Features

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

Dimensions

Stack Height	8 mm[.315 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 Quantity	500
Packaging Method	Tape & Reel

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	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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





Also in the Series

DDR4 DIMM

DIMM Sockets(25)

SO DIMM Sockets(39)

Customers Also Bought

TE Part #284134-E
STVC 96 F ABC VV 7-00 EE 17,0 * 137 E00

TE Part #364084-E
DRCBTB 1,27 26 M BTB20 18,2 137 * 094 TR

TE Part #254537-E
SMCQ 20 M AB VV 8-03 CL * H007 137 E005

TE Part #4-1622820-4
3520 3K3 5%

TE Part #1-1747981-6
Std HDMI, RA, SMT, Panel grd, Flange

TE Part #4-1768017-8
EET-0615P-9

TE Part #2081005-1
ASSY. SMA JACK PCB EDGE MOUNT

TE Part #2359309-1
CAGE ASSEMBLY, QSFP28 1X1 THERMAL BRIDGE

TE Part #5352177-1
Z-PACK/M RAF 55P

TE Part #5406562-2
MJ,2PORT,8P,SHLD,PNL GRD,CAT4

Documents

Product Drawings

DDR4 SODIMM 260P 8.0H STD

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2309411-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309411-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309411-1_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English