

**DDR4 DIMM**

TE Internal #: 2309409-2

Small Outline (SO), Stack Height 5.2 mm [.205 in], Right Angle
Module Orientation, 260 Position, .5 mm [.02 in] Centerline, DDR4
DIMM, SO DIMM Sockets

[View on TE.com >](#)[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**Number of Positions: **260**Centerline (Pitch): **.5 mm [.02 in]**[All DDR4 SO DIMM Sockets \(39\)](#)**Features****Product Type Features**

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

Dimensions

Stack Height	5.2 mm[.205 in]
Row-to-Row Spacing	8.2 mm[.322 in]

Configuration Features

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

Housing Features

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

Body Features



Connector Profile	Low
Retention Post Location	Both Ends
Latch Material	High Temperature Thermoplastic
Module Key Type	Offset Left
Ejector Type	Locking
Ejector Location	Both Ends

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.127 μm [5 μin]
Contact Current Rating (Max)	.5 A
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold Flash

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	800

Operation/Application

Circuit Application	Power
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Usage Conditions

Operating Temperature Range	-55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

DRAM Voltage	1.2 V
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Signal Characteristics

SGRAM Voltage	1.2 V
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Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment



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

Industry Standards

UL Flammability Rating	UL 94V-0
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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

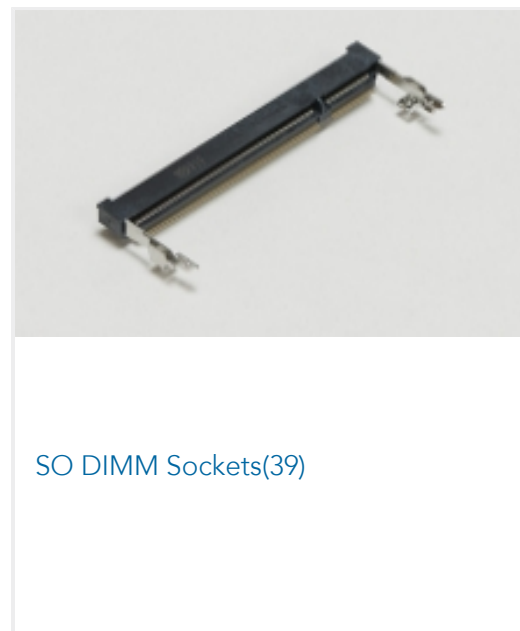
Product Compliance Disclaimer

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



Also in the Series | DDR4 DIMM



Customers Also Bought





Documents

Product Drawings

[DDR4 SODIMM 260P 5.2H STD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2309409-2_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309409-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309409-2_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English