

**DDR4 DIMM**

TE Internal #: 2309409-1

SO DIMM Sockets, Small Outline (SO), Stack Height .205 in [5.2 mm], Right Angle Module Orientation, Surface Mount Mount, Cable-to-Board, DDR4 DIMM

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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 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

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

### Contact Features

Socket Style	SO DIMM
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
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Packaging Quantity	800
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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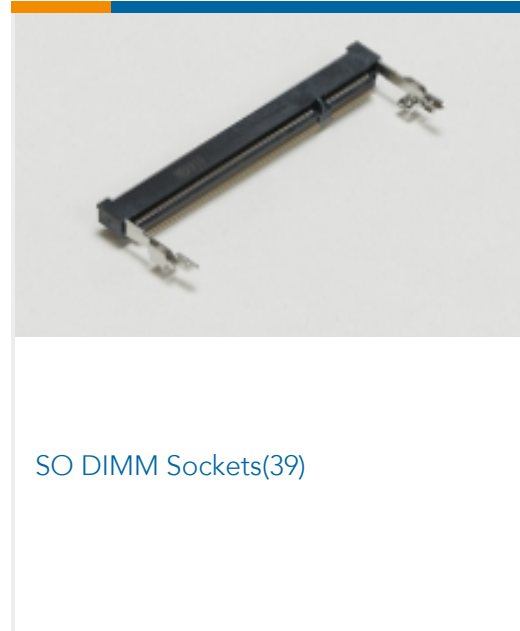
#### Product Compliance Disclaimer

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>

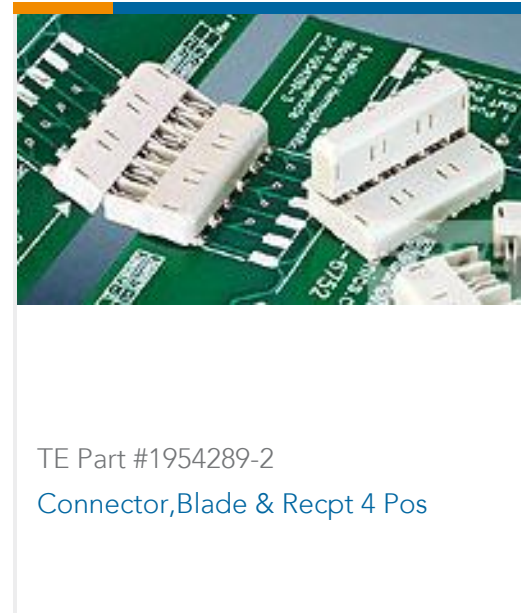
### Compatible Parts



### 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\\_2309409-1\\_1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309409-1\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309409-1\\_1.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[Product Compliance](#)

English

[Product Compliance](#)

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