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2309407-1

DDR4 DIMM, SO DIMM Sockets, Small Outline (SO), Stack Height .157 in [4 mm], Right Angle Module Orientation, Surface Mount, Cable-to-Board



DDR4 DIMM

TE Internal #: **2309407-1**

TE Internal Description: **DDR4 SODIMM 260P 4.0H STD**

DRAM Type : **Small Outline (SO)**

Stack Height : **4 mm [.157 in]**

Module Orientation : **Right Angle**

PCB Mounting Style : **Surface Mount**

Connector System : **Cable-to-Board**

[Digital Datasheet](#)



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Documents

Features

Product Compliance

Product Drawings

DDR4 SODIMM 260P 4.0H STD

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English

CAD Files

PCB Design

[Download symbol & footprint \(SnapEDA\)](#)

3D PDF

[3D_CVM_CVM_2309407-1_1.pdf](#)

3D

Customer View Model

[ENG_CVM_CVM_2309407-1_1.2d_dxf.zip](#)

English

[ENG_CVM_CVM_2309407-1_1.3d_igs.zip](#)

English

[ENG_CVM_CVM_2309407-1_1.3d_stp.zip](#)

English

Product Specifications

Application Specification

[ENG_SS_114-115015_A.pdf](#)

English

Product Specification

[ENG_SS_108-115122_A1.pdf](#)

English

Qualification Test Report

[ENG_SS_501-115133_A.pdf](#)

English

Product
Environmental
Compliance

Product Compliance

[ENG_PC_MD_2309407-1_A\(770383\).xlsx](#)

English

Product Compliance

[ENG_PC_MD_2309407-1_A\(695386\).xml](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type
Features

DRAM Type : **Small Outline (SO)**

Connector System : **Cable-to-Board**

Sealable : **No**

Connector & Contact Terminates To : **Printed Circuit Board**

Center Post : **Without**

Product Type : **Socket**

Configuration
Features

Module Orientation : **Right Angle**

Number of Positions : **260**

Number of Rows : **2**

Keying : **Standard**

Number of Keys : **1**

Center Key : **Offset Left**

Electrical
Characteristics

DRAM Voltage (V): **1.2**

Signal
Characteristics

SGRAM Voltage (V): **1.2**

Body Features

Ejector Type : **Locking**

Connector Profile : **Low**

Module Key Type : **Offset Left**

Retention Post Location : **Both Ends**

Latch Material : **High Temperature Thermoplastic**

Ejector Location : **Both Ends**

Retention Post Material : **Stainless Steel**

Contact Features

Contact Base Material : **Copper Alloy**

PCB Contact Termination Area Plating Material : **Gold Flash**

Contact Mating Area Plating Material : **Gold Flash**

Contact Current Rating (Max) (A): **.5**

Socket Type : **Memory Card**

Socket Style : **SO DIMM**

Termination
Features

Insertion Style : **Cam-In**

| | |
|-------------------------|--|
| Mechanical Attachment | PCB Mount Retention Type : Solder Peg PCB Mount Retention : With PCB Mounting Style : Surface Mount Connector Mounting Type : Board Mount |
| Housing Features | Centerline (Pitch) (mm): .5, 2.1 Centerline (Pitch) (in): .0197, .082 Housing Material : High Temperature Thermoplastic Housing Color : Black |
| Dimensions | Stack Height : 4 mm [.157 in] Row-to-Row Spacing : 8.2 mm [.322 in] |
| Usage Conditions | Operating Temperature Range : -55 – 85 °C [-67 – 185 °F] |
| Operation/Application | Circuit Application : Power |
| Industry Standards | UL Flammability Rating : UL 94V-0 |
| Packaging Features | Packaging Method : Tape & Reel Packaging Quantity : 900 |
| Statement of Compliance | Statement of Compliance pdf |
| | |

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