



DDR4 DIMM

TE Internal #: 2309413-1

Small Outline (SO), Stack Height 9.2 mm [.362 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: **9.2 mm [ .362 in ]**

Module Orientation: **Right Angle**

Number of Positions: **260**

Centerline (Pitch): **7.3 mm, .5 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	Standard 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 Left
Ejector Type	Locking
Ejector Location	Both Ends
Connector Profile	High

### Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black
Centerline (Pitch)	7.3 mm, .5 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	9.2 mm[.362 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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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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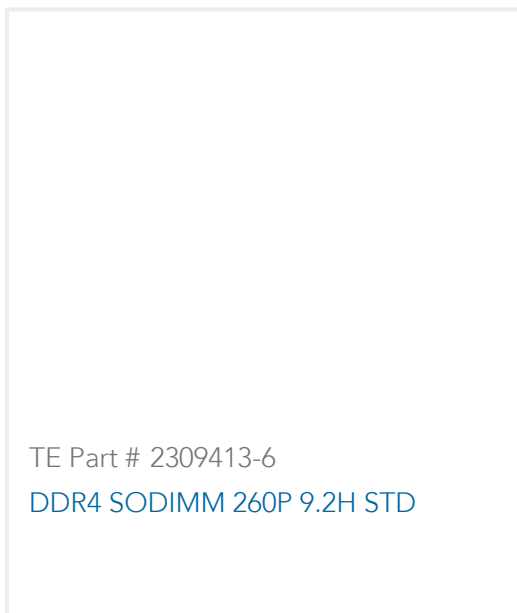
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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#### Product Compliance Disclaimer

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



TE Part # 2309413-6  
DDR4 SODIMM 260P 9.2H STD

### Also in the Series | **DDR4 DIMM**



DIMM Sockets(25)



SO DIMM Sockets(39)

### Customers Also Bought



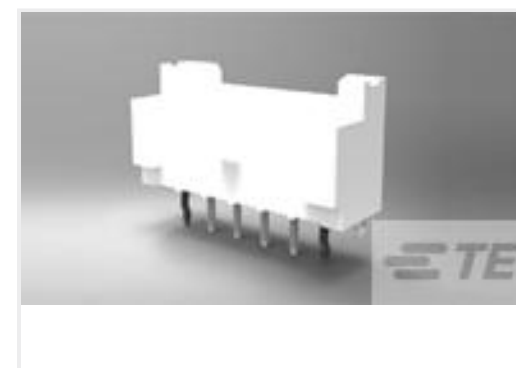
TE Part #CAT-M2-C76264  
M.2 Connectors



TE Part #6-6609929-9  
PE0S0SSX0=C2283



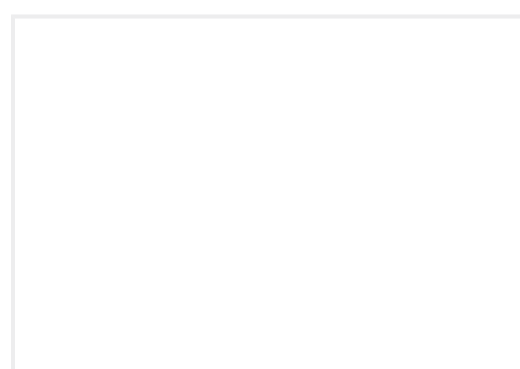
TE Part #1-1735413-1  
Assembly Slimline SATA Receptacle  
7P+6P



TE Part #1744439-2  
EP2.5 Shrd HDR ASSY 2P VERT, GW



TE Part #2118729-4  
STD SHIELD COVER, AL-44.60X31.  
10X2.00MM



TE Part #2154640-4  
Herm Blade & Recept assy w/latch &  
posts

### Documents

#### Product Drawings

[DDR4 SODIMM 260P 9.2H STD](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309413-1\\_1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309413-1\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309413-1\\_1.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English