

**DDR4 DIMM**

TE Internal #: 2309409-2

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
Contact Mating Area Plating Material Thickness	.127 μm [5 μin]
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[.02 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 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$]
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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
Packaging Quantity	800

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



TE Part # 2309413-3
DDR4 SODIMM 260P 9.2H STD

Also in the Series | DDR4 DIMM



DIMM Sockets(69)



SO DIMM Sockets(39)

Customers Also Bought



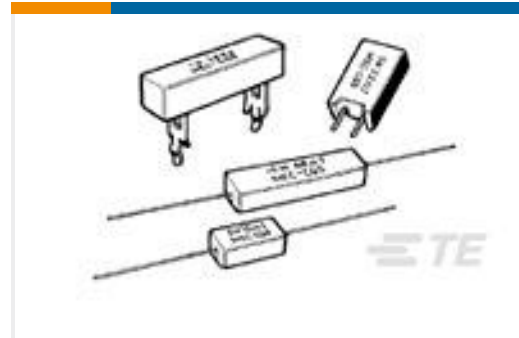
TE Part #2149152-1
Receptacle Assembly



TE Part #2-1734592-2
FPC CONN. 0.5MM PITCH B/C, 22P



TE Part #2306130-1
COVER, LIGHT CONTROLLER, 81MM DIA., MED



TE Part #1623795-2
SOP10 10R 5% WIRE



TE Part #7-1625892-9
3W SM M/OX 5% 8R2



TE Part #2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM



TE Part #2842102-2
2P,2MM,BRK HDR,SRVT,SMD,0.1AU, TR W/CAP



TE Part #2-2213819-7
6X6 ILL TACT SMT 160GF HI YELLOW GREEN



TE Part #5-2176364-0
RQ 0402 15K 0.1% 10PPM 5K RL



TE Part #2199230-4
M.2 0.5PITCH 4.2H KEY E 15U" AU



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

Product Environmental Compliance

[Product Compliance](#)

English

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English