

2309410-2

✓ ACTIVE

DDR4 DIMM

TE Internal #: 2309410-2

Small Outline (SO), Stack Height 5.2 mm [.205 in], Right Angle

Module Orientation, 200 / 260 Position, 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: **200, 260**Centerline (Pitch): **.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	Reverse Keying
PCB Mount Retention	With

Signal Characteristics

SGRAM Voltage	1.2 V
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Packaging Features

Packaging Quantity	800
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Packaging Method	Tape & Reel
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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
Contact Mating Area Plating Material Thickness	.127 µm[5 µin]

Body Features

Retention Post Location	Both Ends
Retention Post Material	Copper Alloy
Latch Material	High Temperature Thermoplastic
Ejector Type	Locking
Ejector Location	Both Ends
Connector Profile	Low

Housing Features

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

Configuration Features

Number of Keys	1
Number of Rows	2
Module Orientation	Right Angle
Number of Positions	200, 260

Product Type Features

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

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JAN 2021 (211) 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	Not reviewed for solder process capability

Product Compliance Disclaimer

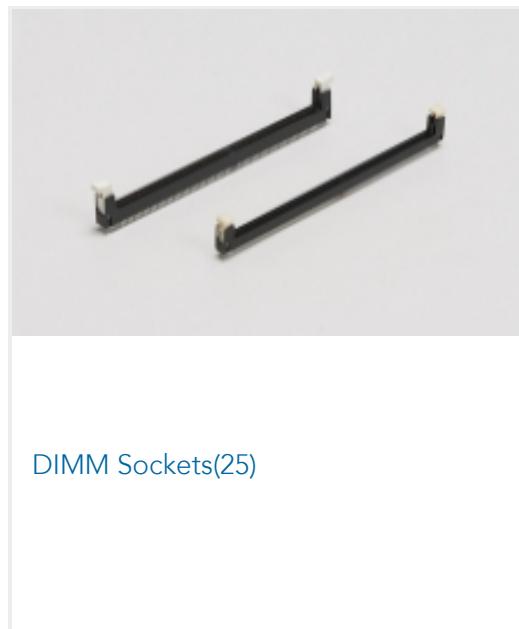
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

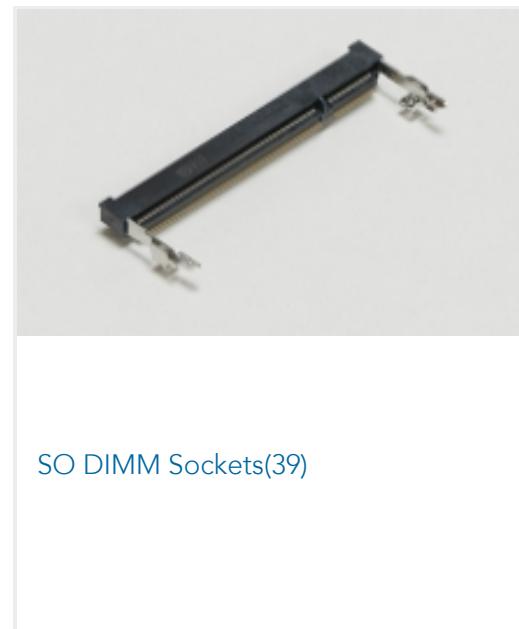


TE Part # 2309414-3
DDR4 SODIMM 260P 9.2H RVS

Also in the Series | DDR4 DIMM



DIMM Sockets(25)



SO DIMM Sockets(39)

Customers Also Bought



TE Part #4-1622820-0
3520 33R 5%



TE Part #1676334-2
RN 0805 402R 0.1% 10PPM 1KRL



TE Part #1-1825910-0
FSM6JH=6MM TACT SWITCH, HIGH
TEMP



TE Part #350789-1
03P UMNL PIN HDR ASSY 94VO



TE Part #1-84953-0
1MM FPC HORZ.TOP CONT.ASSY 10P



TE Part #6-1676481-2
CPF 0603 2K2 0.1% 25PPM 1K RL



TE Part #1571262-2
SWITCH,TACTILE,SMT,T&R



TE Part #1977066-1
FSMMSPH=R/A TACT SWITCH, SMT
W/LOC. PEGS



TE Part #9-1622826-0
CRG0402 1% 33R



TE Part #1-1734592-4
FPC CONN. 0.5MM PITCH B/C, 14P

Documents

Product Drawings

DDR4 SODIMM 260P 5.2H RVS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2309410-2_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309410-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309410-2_1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English