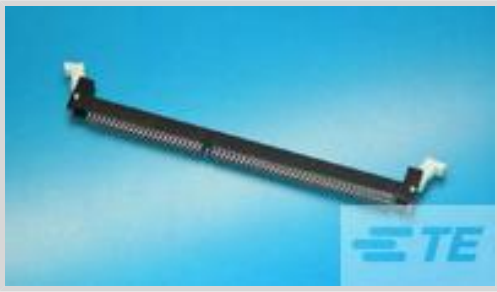


TE Internal #: 2040910-1  
SO DIMM Sockets, Double Data Rate (DDR), Vertical Module  
Orientation, 200 Position, .024 in [.6 mm] Centerline, Gold, Tray /  
Box, Power  
[View on TE.com >](#)



Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets > DDR2 SO DIMM Sockets



DRAM Type: **Double Data Rate (DDR)**  
Module Orientation: **Vertical**  
Number of Positions: **200**  
Centerline (Pitch): **.6 mm [ .024 in ]**  
Row-to-Row Spacing: **8.6 mm [ .338 in ]**

[All DDR2 SO DIMM Sockets \(30\)](#)

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DRAM Type	Double Data Rate (DDR)

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Module Orientation	Vertical
Number of Positions	200

Electrical Characteristics

DRAM Voltage	2.5 V
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Signal Characteristics

SGRAM Voltage	1.8 V
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Body Features

Ejector Location	Both Ends
Latch Material	High Temperature Thermoplastic
Retention Post Location	Both Ends



Latch Plating Material	Tin
Module Key Type	Offset Right
Ejector Type	Standard

Contact Features

Memory Socket Type	Memory Card
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold

Termination Features

Insertion Style	Cam-In
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Alignment Type	Standard Keying
PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	.6 mm[.024 in]

Dimensions

Row-to-Row Spacing	8.6 mm[.338 in]
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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 Quantity	24
Packaging Method	Box, Tray



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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	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



Customers Also Bought



<p>TE Part # 3-2176230-6 3522 680R 5% 3W</p>	<p>TE Part # 2834082-2 5.0MM SIDE ENTRY MSC 3P_GY</p>	<p>TE Part # 1676362-2 RN 0805 4K87 0.1% 10PPM 1KRL</p>	<p>TE Part # 1734248-3 1.0 FPC, ZIF V/T, SMT, 3P</p>
<p>TE Part # 1625867-1 RP 1J 0.166W 100K 0.1% 25PPM 1K RL</p>	<p>TE Part # 7-2176397-4 3502 1K1 1%</p>	<p>TE Part # 2-2176347-9 CRGCQ 2010 2K2 1%</p>	<p>TE Part # 1-1734839-6 FPC CONN. 0.5MM PITCH T/C,16P</p>

Documents

Product Drawings

SEMI-HARD TRAY ASSY DDR 200P VERTICAL

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2040910-1\_D.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2040910-1\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2040910-1\_D.3d\_stp.zip

English

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

Product Specifications

DDR S.O.DIMM Socket 200 Position Vertical type

Japanese

Product Specification

Japanese