



TE Internal #: 2040910-1

SO DIMM Sockets, Double Data Rate (DDR), Vertical Module

Orientation, Surface Mount, Cable-to-Board, 200 Position, .6mm [.024in] Centerline

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Connectors &gt; Socket Connectors &gt; Memory Sockets &gt; SO DIMM Sockets &gt; DDR2 SO DIMM Sockets

DRAM Type: **Double Data Rate (DDR)**Module Orientation: **Vertical**PCB Mounting Style: **Surface Mount**Connector System: **Cable-to-Board**Number of Positions: **200**[All DDR2 SO DIMM Sockets \(30\)](#)

## Features

### Product Type Features

DRAM Type	Double Data Rate (DDR)
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket

### Configuration Features

Number of Bays	2
Center Key	None
Number of Keys	1
Module Orientation	Vertical
Number of Positions	200
Number of Rows	2
Keying	Standard

### 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

Socket Style	SO DIMM
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
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 Tail
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

### Housing Features

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

### 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 Method	Box, Tray
Packaging Quantity	24

## 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	Not Yet Reviewed
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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

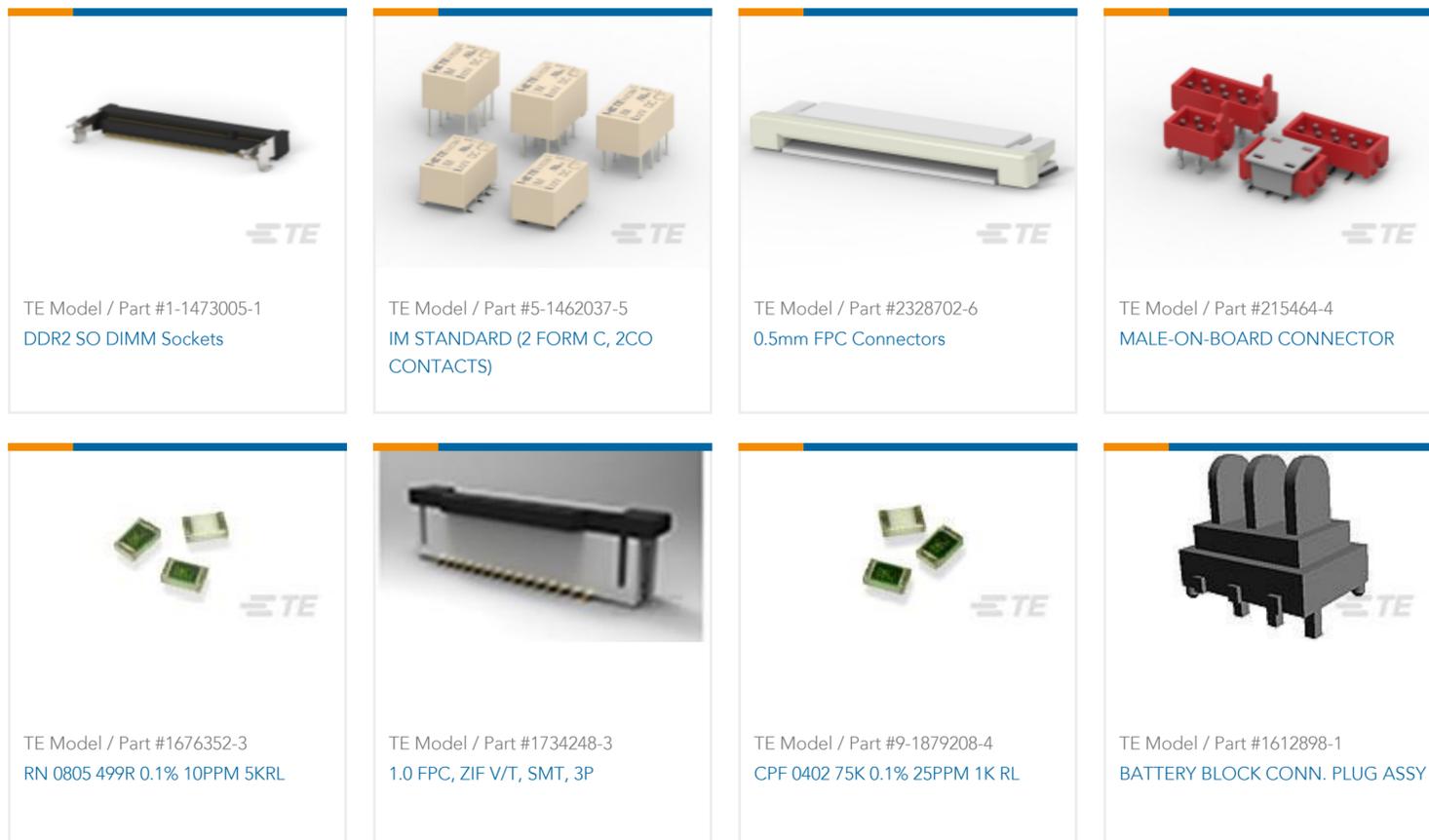
### Product Compliance Disclaimer

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



## Documents

### Product Drawings

SEMI-HARD TRAY ASSY DDR 200P VERTICAL

English

### CAD Files

3D PDF

3D

Customer View Model

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

English

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