

1827341-4 ✓ ACTIVE

DDR SODIMM, DDR2 SO DIMM

TE Internal #: 1827341-4

SO DIMM Sockets, Double Data Rate (DDR) 2, Stack Height .315 in [8 mm], Right Angle Module Orientation, 200 Position, DDR SODIMM

[View on TE.com >](#)



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



DRAM Type: **Double Data Rate (DDR) 2**

Stack Height: **8 mm [.315 in]**

Module Orientation: **Right Angle**

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) 2
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

DRAM Voltage	1.8 V
--------------	-------

Signal Characteristics



SGRAM Voltage	1.8 V
---------------	-------

Body Features

Ejector Location	Both Ends
Retention Post Location	Center
Module Key Type	Offset Left
Ejector Type	Locking
Connector Profile	Standard

Contact Features

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

Termination Features

Insertion Style	Cam-In
-----------------	--------

Mechanical Attachment

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

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black
Centerline (Pitch)	.6 mm[.024 in]

Dimensions

Stack Height	8 mm[.315 in]
Row-to-Row Spacing	6.2 mm[.244 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application



Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	20
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

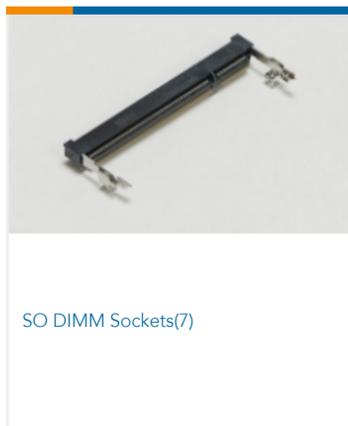
Product Compliance Disclaimer

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>

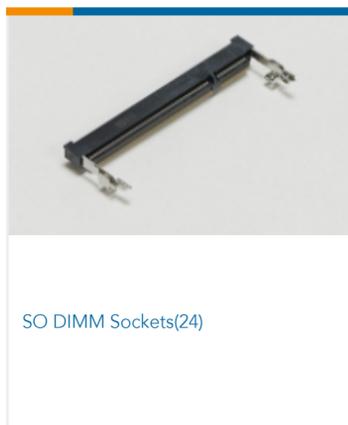
Compatible Parts



Also in the Series | [DDR SODIMM](#)



Also in the Series | [DDR2 SO DIMM](#)



Documents

Product Drawings

[DDR SODIMM SOCKET 200P 8H STD TYPE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1827341-4_G1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1827341-4_G1.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_1827341-4_G1.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English