1827341-4 ✓ ACTIVE

DDR2 SO DIMM, DDR SODIMM

TE Internal #: 1827341-4

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

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**

Number of Positions: **200**

Centerline (Pitch): **.6 mm [.024 in]**

All DDR2 SO DIMM Sockets (28)

Features

Product Type Features

DRAM Type	Double Data Rate (DDR) 2
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board

Dimensions

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

Configuration Features

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

Housing Features

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

Body Features

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

Contact Features

Contact Mating Area Plating Material	Gold
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

Packaging Features

Packaging Method	Tray, Box
Packaging Quantity	20

Operation/Application

Circuit Application	Power

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

DRAM Voltage	1.8 V

Signal Characteristics

SGRAM Voltage	1.8 V

Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Industry Standards

UL Flammability Rating	UL 94V-0

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: JUNE 2024 (241) 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

TE Part # 2309407-1
DDR4 SODIMM 260P 4.0H STD

Also in the Series | DDR2 SO DIMM

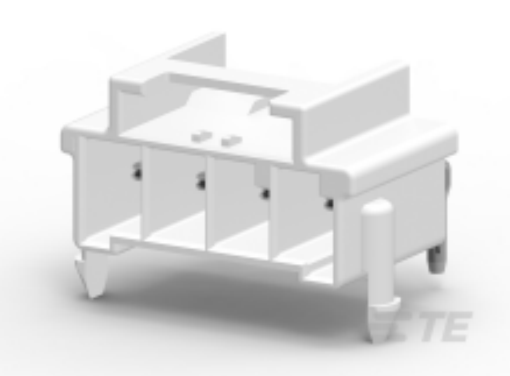
SO DIMM Sockets(24)

Also in the Series | DDR SODIMM

SO DIMM Sockets(7)

Customers Also Bought

TE Part #5745183-1
09 RCPT SP/MS STD



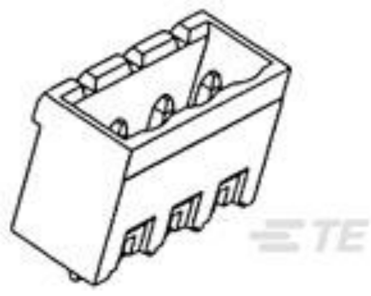
TE Part #1969694-4
PTL 1X4 PCB HEADER R/A STDTEMP KEY A NAT

TE Part #CSI-SGFI-200-UFFR
SMA to U.FL/MHF1 200mm 1.13 OD

TE Part #1717468-3
SEMI-HARD TRAY DDR SODIMM SOCKET 200P 6

TE Part #4-640440-8

18P MTA100 CONN ASSY 22AWG RED

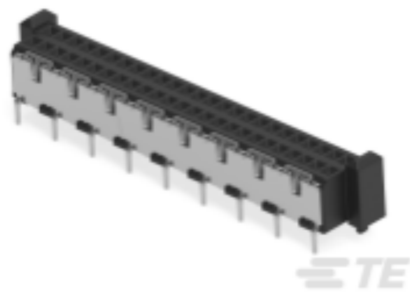


TE Part #796642-5

5POS 5.0MM CE VRT HDR,TRM BLK

TE Part #810033-000

2019D0309-0



TE Part #354175-E

MSPEED 50 F SMDTHR F4 B AB VV 137 094 *

TE Part #374722-E

MSPEED 50 M SMDTHR * 90BE AB VV 137 094

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

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Product Specifications

Product Specification

English