

SEMI-HARD TRAY DDR2 SODIMM SOCKET

200P 4 ✓ ACTIVE

DDR2 SO DIMM

TE Part # 1827236-4

TE Internal #: 1827236-4

[View on TE.com >](#)



Connectors > Card & Socket Connectors > Memory Sockets > SO DIMM Sockets



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

Stack Height: **4.6 mm [.18 in]**

Module Orientation: **Right Angle**

PCB Mounting Style: **Surface Mount**

Connector System: **Cable-to-Board**

Features

Product Type Features

DRAM Type	Double Data Rate (DDR) 2
Connector System	Cable-to-Board
Profile	Low
Row-to-Row Spacing	5.6 mm[.22 in]
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	Right Angle
Number of Positions	200
Number of Rows	2



Keying	Standard
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Electrical Characteristics

DRAM Voltage	1.8 V
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Signal Characteristics

SGRAM Voltage	1.8 V
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Body Features

Ejector Location	Both Ends
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Latch Material	Stainless Steel
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Latch Plating Material	Tin
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Module Key Type	SGRAM
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Ejector Type	Locking
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Contact Features

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

Insertion Style	Cam-In
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Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	Solder Peg
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PCB Mounting Style	Surface Mount
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Connector Mounting Type	Board Mount
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Housing Features

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

Stack Height	4.6 mm[.18 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, Tray
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Packaging Quantity	20
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Other

Comment	Latch direct soldering type., See drawing for additional product information.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | **DDR2 SO DIMM**



SO DIMM Sockets(30)

Customers Also Bought



TE Part #2007254-1
SFP+ 1x1 Cage Assembly,
Light Pipe



TE Part #1-1469373-1
ATCA GUIDE MODULE
RA FEMALE



TE Part #1-2199230-6
M.2 0.5PITCH 4.2H KEY M
30U AU



TE Part #2-1926739-5
AssyMinipak
Hdl25s10pRARecptSc



TE Part #6469048-1
HMZD 4PR RA HDR 80P
ASSY LF



TE Part #2007132-1
SFP+ 1X4 Cage Assembly,
Press-



TE Part #2013022-1
SEMI-HARD TRAY DDR3
204P 4H STD



TE Part #1469374-1
ATCA GUIDE RIGHT
ANGLE FEMALE



TE Part #1473006-1
SEMI HARD TRAY DDR
SOCKET 200P



TE Part #1612773-4
SEMI-HARD TRAY DDR2
SODIMM SOCKET 200P 6

Documents

Product Drawings

SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 4

English



CAD Files

Customer View Model

[ENG_CVM_CVM_1827236-4_R1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1827236-4_R1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827236-4_R1.3d_stp.zip](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English