



TE Internal #: 2-2013289-2  
Double Data Rate (DDR) 3, Stack Height 5.2 mm [.205 in], Right  
Angle Module Orientation, 204 Position, .6 mm [.024 in] Centerline,  
SO DIMM Sockets

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Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets



DRAM Type: Double Data Rate (DDR) 3  
Stack Height: 5.2 mm [.205 in]  
Module Orientation: Right Angle  
Number of Positions: 204  
Centerline (Pitch): .6 mm [.024 in]

Features

Product Type Features

DRAM Type	Double Data Rate (DDR) 3
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board

Dimensions

Stack Height	5.2 mm[.205 in]
Row-to-Row Spacing	8.2 mm[.322 in]

Configuration Features

Module Orientation	Right Angle
Number of Positions	204
Number of Bays	2
Number of Keys	1
Number of Rows	2

Housing Features

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

Body Features

Connector Profile	Standard
Latch Plating Material	Tin
Latch Material	Stainless Steel
Module Key Type	SGRAM
Ejector Type	Locking
Ejector Location	Both Ends

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.254 μm[10 μin]
Contact Current Rating (Max)	.5 A
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold

Packaging Features

Packaging Method	Emboss on Reel
Packaging Quantity	200

Operation/Application

Circuit Application	Power
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

DRAM Voltage	1.5 V
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Signal Characteristics

SGRAM Voltage	1.5 V
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Termination Features

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Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Industry Standards

UL Flammability Rating	UL 94V-0
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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

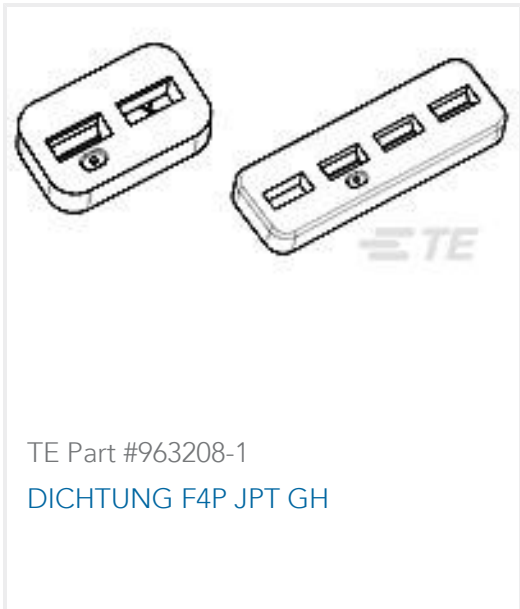
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings  
EMBOSS TAPE DDR3 204P 5.2H STD Au 0.25  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2-2013289-2\_B.2d\_dxf.zip  
English  
3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2013289-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2013289-2\\_B.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[DDR3 DIMM Sockets Flyer 6-1773454-7 05/09](#)

English

[6-1773457-3\\_DDR3\\_DIMM\\_SOCKETS](#)

Product Specifications

[Product Specification](#)

English