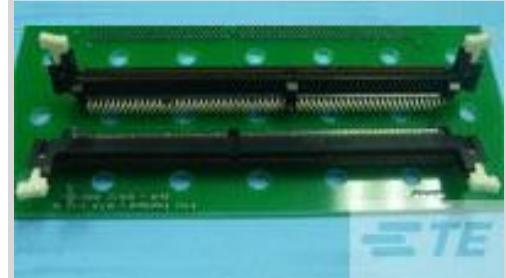


Connectors > Socket Connectors > Memory Sockets > DIMM Sockets



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

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

Number of Positions: **240**

Termination Method to PCB: **Through Hole - Solder**

Module Orientation: **Vertical**

Features

Electrical Characteristics

DRAM Voltage	1.8 V
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mount Angle	Vertical
PCB Mount Retention Type	Retention Clip/Post
Mating Alignment Type	Center
Mating Alignment	With
PCB Mount Alignment Type	Locating Posts

Contact Features

Contact Underplating Material	Nickel
Socket Style	DIMM
Contact Mating Area Plating Material Thickness	.38 μ m[15 μ in]
PCB Contact Termination Area Plating Material Thickness	3 μ m[118.1 μ in]
Contact Mating Area Plating Material	Gold
Memory Socket Type	Memory Card

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.5 A

Packaging Features

Packaging Quantity	64
Packaging Method	Tray, Box & Tray

Body Features

Retention Post Location	Both Ends
Latch Color	Blue
Latch Material	High Temperature Thermoplastic
PCB Retention Feature Material	Stainless Steel
Ejector Material Color	Natural
Module Key Type	Center
Ejector Location	Both Ends
Ejector Material	High Temperature Thermoplastic
Ejector Type	Standard

Dimensions

Center Retention Hole Diameter	1.5 mm[.059 in]
Profile Height from PCB	23.1 mm[.9 in]
Row-to-Row Spacing	1.9 mm[.075 in]

Housing Features

Housing Color	Natural
Housing Material	High Temperature Nylon
Centerline (Pitch)	1 mm[.039 in]

Termination Features

Insertion Style	Direct Insert
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Configuration Features

Number of Keys	1
Number of Bays	2
Number of Rows	2

Number of Positions	240
Module Orientation	Vertical

Product Type Features

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

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

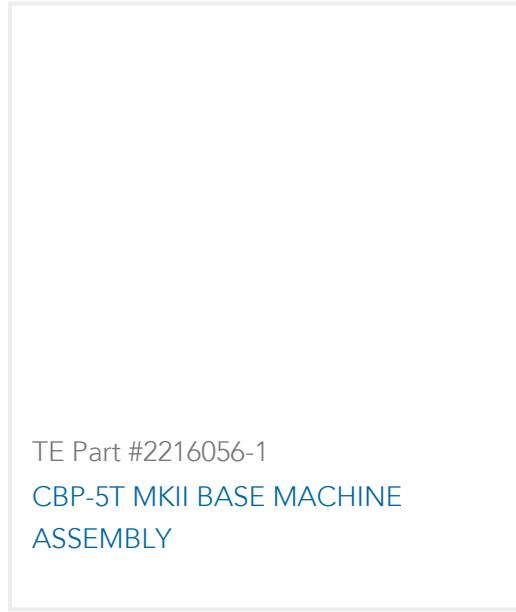
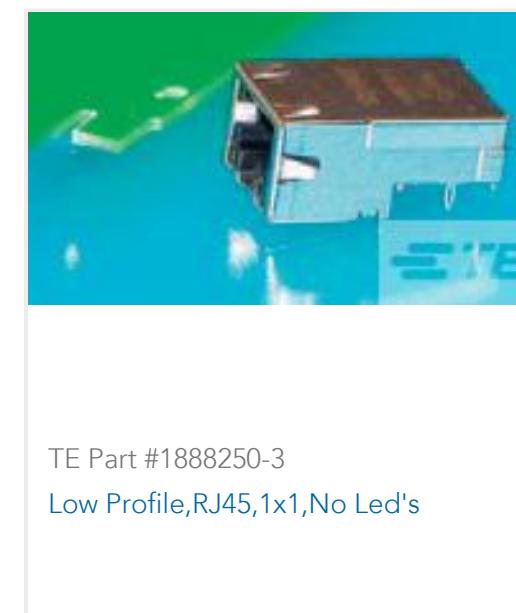
Product Compliance Disclaimer

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

[DDR2 240P PB FREE 3.18 15AU HD](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-1489841-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-1489841-2_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-1489841-2_B.2d_dxf.zip](#)

English

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