



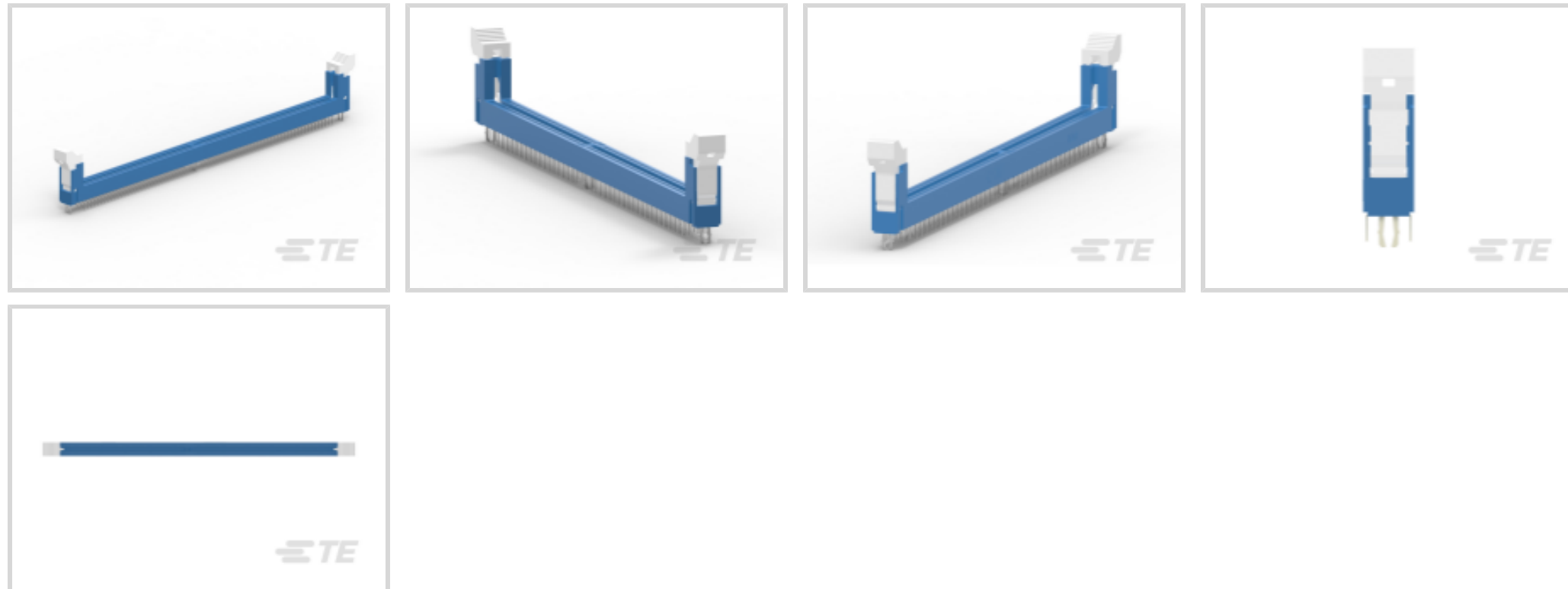
DDR4 DIMM

TE Internal #: 2308107-2

Double Data Rate (DDR) 4, Board-to-Bus Bar, 288 Position, Through Hole - Solder, Vertical Module Orientation, DDR4 DIMM, DIMM Sockets

[View on TE.com >](#)

Connectors > Socket Connectors > Memory Sockets > DIMM Sockets > DDR4 DIMM SOCKETS



DRAM Type: **Double Data Rate (DDR) 4**

Connector System: **Board-to-Bus Bar**

Number of Positions: **288**

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

Module Orientation: **Vertical**

[All DDR4 DIMM SOCKETS \(25\)](#)

**Features**

**Electrical Characteristics**

DRAM Voltage	1.2 V
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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 Type	Boardlock
Mating Alignment Type	Offset Right
Mating Alignment	Without
PCB Mount Retention	With

**Operation/Application**

Circuit Application	Signal
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**Contact Features**



Socket Style	DIMM
Contact Mating Area Plating Material	Gold
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.38 $\mu\text{m}$ [15 $\mu\text{in}$ ]
Contact Current Rating (Max)	.75 A

### Body Features

PCB Retention Feature Material	Stainless Steel
Latch Color	Natural
Latch Material	High Temperature Thermoplastic
Connector Profile	Standard
Module Key Type	Offset Right
Ejector Material Color	Natural
Ejector Location	Both Ends
Ejector Material	High Temperature Thermoplastic
Ejector Type	Standard

### Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Blue
Centerline (Pitch)	.85 mm[.033 in]

### Termination Features

Insertion Style	Direct Insert
Termination Method to PCB	Through Hole - Solder

### Configuration Features

Number of Keys	1
Number of Rows	2
Number of Positions	288
Module Orientation	Vertical

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
DRAM Type	Double Data Rate (DDR) 4
Connector System	Board-to-Bus Bar



### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Packaging Features

Packaging Method	Tray
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### Other

EU RoHS Compliance	Compliant
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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	Not Yet Reviewed
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: JAN 2021 (211) 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	Not reviewed for solder process capability

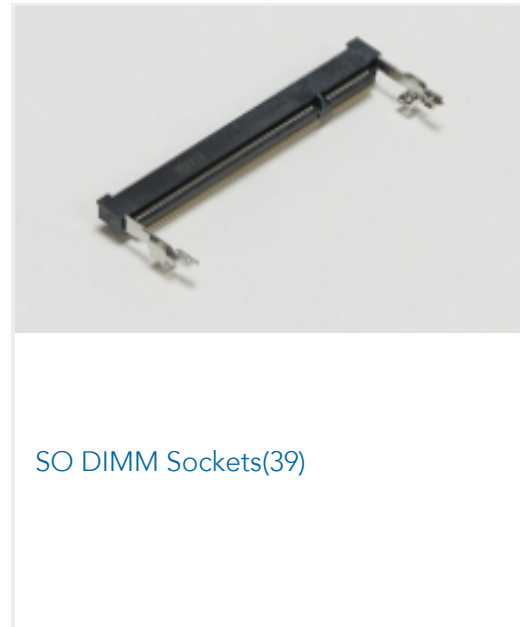
#### Product Compliance Disclaimer

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>

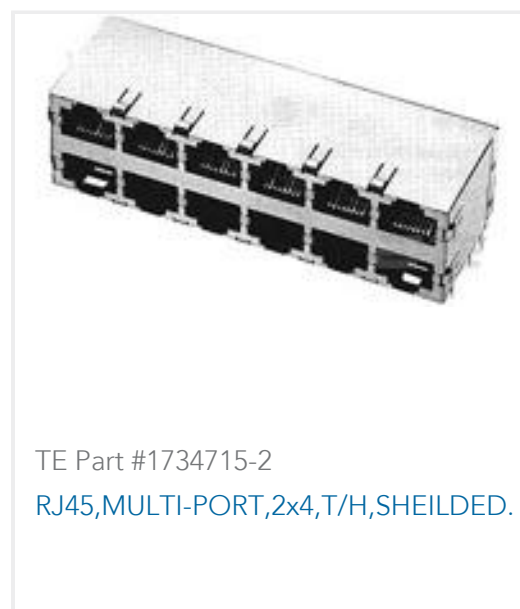
### Compatible Parts



### Also in the Series | DDR4 DIMM



### Customers Also Bought





## Documents

### Product Drawings

[DDR4 DIMM 288 PIN TH TYPE](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2308107-2\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2308107-2\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2308107-2\\_1.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English