2308107-1 ✔ ACTIVE

DDR4 DIMM

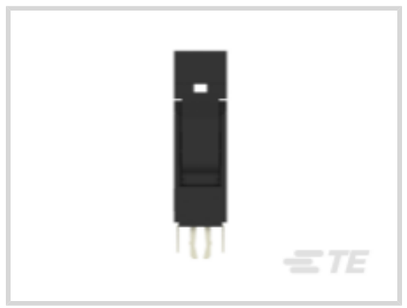
TE Internal #: 2308107-1

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 (13)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

DRAM Voltage	1.2 V

Body Features

Latch Color	Black

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

Contact Features

Contact Underplating Material	Nickel
Socket Style	DIMM
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Mating Area Plating Material	Gold (Au)
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.75 A

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Offset Right
Mating Alignment	Without

Housing Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Product Compliance

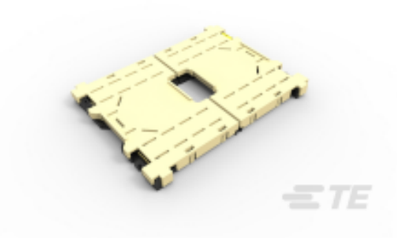
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave 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 # 2-2822979-3
LGA3647-0 SOCKET P0 KIT FOR ODM (30U AU)

Also in the Series | DDR4 DIMM



DIMM Sockets(13)

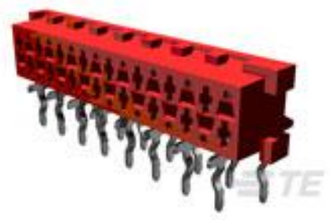


SO DIMM Sockets(39)

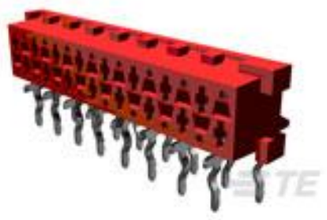
Customers Also Bought



TE Part #CAT-PA3-RN
EMC / RFI Chokes RN Series



TE Part #215460-6
MICRO-MATCH FEM.SE



TE Part #215460-8
MICRO-MATCH FEM.SE



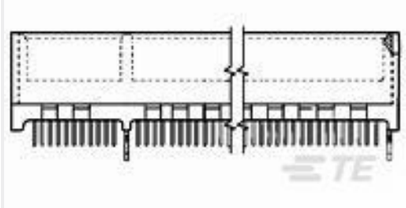
TE Part #350538-3
UMNL PIN 20-14 .0125 PTPPHBZ

TE Part #3-1827231-6
.5FHR04H,440,B,GIG,08/Sn,HT,NS

TE Part #7-2176316-0
MELF SMA_A 47K 1% 50PPM 0207 1W

TE Part #7-2176453-3
CPF 0201 32K4 0.1% 25ppm 1K RL

TE Part #2309414-3
DDR4 SODIMM 260P 9.2H RVS



TE Part #5145167-4
STANDARD EDGE .050 SERIES 60 DUAL ASSY

Documents

Product Drawings

DDR4 DIMM 288 PIN TH TYPE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2308107-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2308107-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2308107-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English