

#### DDR5 DIMM

TE Internal #: 1-2379513-1 Double Data Rate (DDR) 5, Board-to-Component, 288 Position, Surface Mount, Vertical Module Orientation, DDR5 DIMM, DIMM Sockets

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DRAM Type: Double Data Rate (DDR) 5 Connector System: Board-to-Component Number of Positions: 288 Termination Method to PCB: Surface Mount Module Orientation: Vertical

# Features



### **Product Type Features**

Connector & Contact Terminates To	Printed Circuit Board	
DRAM Type	Double Data Rate (DDR) 5	
Connector System	Board-to-Component	
Configuration Features		
Number of Keys	1	
Number of Bays	2	
Number of Rows	2	
Number of Positions	288	
Module Orientation	Vertical	
Electrical Characteristics		
DRAM Voltage	1.1 V	
Body Features		
Latch Color	Natural	
Latch Material	High Temperature Nylon	

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PCB Retention Feature Material	Stainless Steel	
Connector Profile	Standard	
Ejector Material Color	Natural	
Module Key Type	DRAM	
Ejector Location	Both Ends	
Ejector Material	High Temperature Nylon	
Ejector Type	Rotary	
Contact Features		
Contact Underplating Material	Nickel	
Socket Style	DIMM	
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]	
PCB Contact Termination Area Plating Material Thickness	.3 μm[120 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)	1.5 A	



#### **Termination Features**

Insertion Style	Direct Insert	
Termination Post & Tail Length	.89 mm[.035 in]	
Termination Method to PCB	Surface Mount	
Mechanical Attachment		
Connector Mounting Type	Board Mount	
PCB Mount Retention	With	
Mount Angle	Vertical	
PCB Mount Retention Type	Tab	
Mating Alignment Type	1 Key	
Mating Alignment	With	
PCB Mount Alignment Type	None	
Housing Features		
Housing Color	Black	
Housing Material	High Temperature Nylon	

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Centerline (Pitch)	.85 mm[.033 in]	
Dimensions		
Profile Height from PCB	21.3 mm[.083 in]	
Row-to-Row Spacing	3 mm[.118 in]	
Jsage Conditions		
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]	
Operation/Application		
Circuit Application	High Speed Data	
ndustry Standards		
UL Flammability Rating	UL 94V-0	
Packaging Features		
Packaging Quantity	640	
	Box & Tray	

#### 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: JAN 2025 (247) 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	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

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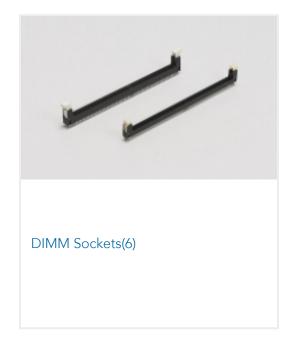


requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-onreach

# **Compatible Parts**



# Also in the Series DDR5 DIMM



Customers Also Bought

	E TE		=TE
TE Part #2170193-1 SFP+ 1x1 Cage Assembly,w/ Light Pipe	TE Part #CAT-C339-R529A Thick Film Resistor: Current Sense	TE Part #5205734-7 09 RCPT SP/MS STD	TE Part #5-1879216-1 CPF0402 255K 0.1% 25PPM 1K RL
			TE
TE Part #2227671-2 zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X3	TE Part #2351051-2 LGA4677 BACKPLATE ASSY,LONG STUD	TE Part #1-2176306-1 RP 1E 0.1W 1K47 0.1% 25PPM 5K RL	TE Part #1879463-7 RL73H 2E R18 1% 5K RL

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TE Part #2-2343522-0 SFP56 STACKED 2X2 RECEPTACLE ASSEMBLY

# Documents

# **Product Drawings** DDR5 NARROW BLACK HSG AND NATURAL LATCH

English

**CAD** Files

**Customer View Model** ENG\_CVM\_CVM\_1-2379513-1\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2379513-1\_A.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2379513-1\_A.3d\_igs.zip

English

#### 3D PDF

3D

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

**Product Specifications Application Specification** 

English