



**TE CONNECTIVITY (TE)**  
**VERTICAL DDR3 DIMM, 240 POSITION, LR**  
 DDR3 DIMM , LR

4-1932031-9  
 TE Internal Number: 4-1932031-9

Always EU RoHS/ELV Compliant

DRAM Type **Double Data Rate (DDR) 3**

Number of Positions **240**

PCB Mounting Style **Through Hole**

Module Orientation **Vertical**

Centerline **1 mm [ .039 in ]**

Pending Obsolescence

**PRODUCT DRAWING**  
English

**3D PDF**

Product Drawings

[SOCKET ASSEMBLY, VERTICAL DDR3 DIMM,SOLDER TAIL, 240 POSITION,LOWER RESISTANCE TYPE](#)

PDF  
English

CAD Files

[3D PDF](#)  
PDF  
3D

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

Catalog Pages/Data Sheets

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

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

DRAM Type	<b>Double Data Rate (DDR) 3</b>
Row-to-Row Spacing	<b>1.9 mm [ .075 in ]</b>
Center Post	<b>With</b>
Applies To	<b>Printed Circuit Board</b>
Product Type	<b>Socket</b>

	Profile	Standard
Configuration Features	Number of Positions	<b>240</b>
	Module Orientation	<b>Vertical</b>
	Keying	<b>Standard</b>
	Center Key	<b>Offset Left</b>
	Number of Rows	<b>2</b>
	Number of Keys	<b>1</b>
	Number of Bays	<b>2</b>
Electrical Characteristics	DRAM Voltage (V)	<b>1.5</b>
Body Features	Ejector Type	<b>Standard</b>
	Latch Material	<b>High Temperature Nylon</b>
	Ejector Material	<b>High Temperature Nylon</b>
	Retention Post Location	<b>Both Ends</b>
	Ejector Material Color	<b>Natural</b>
	Latch Color	<b>Natural</b>
	Retention Post Material	<b>Brass</b>
	Module Key Type	<b>Offset Left</b>
	Ejector Location	<b>Both Ends</b>
Contact Features	Contact Mating Area Plating Thickness	<b>.76 <math>\mu\text{m}</math> [ 30 <math>\mu\text{in}</math> ]</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Solder Tail Contact Plating Thickness	<b>3 <math>\mu\text{m}</math> [ 118.1 <math>\mu\text{in}</math> ]</b>
	Socket Style	<b>DIMM</b>
	Contact Base Material	<b>Copper Alloy</b>
	Socket Type	<b>Memory Card</b>
	Solder Tail Contact Plating Material	<b>Matte Tin over Nickel</b>
Termination Features	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
	Insertion Style	<b>Direct Insert</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	Boardlock Material	<b>Brass</b>
	PCB Mount Retention	<b>With</b>

Mounting Angle

**Vertical**

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Housing Features

Centerline

**1 mm [ .039 in ]**

Housing Material

**High Temperature Nylon**

Housing Color

**Blue**

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Dimensions

Center Retention Hole Diameter

**1.8 mm [ .07 in ]**

Height above PC Board

**23.1 mm [ .91 in ]**

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Industry Standards

UL Flammability Rating

**UL 94V-0**

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Packaging Features

Packaging Method

**Tray, Tray/Box**

Packaging Quantity

**50**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)