



Part Number : 2044731312

Series Number : 204473

Product Category : Memory Module  
Connectors

Product Description : DDR5 RDIMM Socket,  
Vertical Surface Mount, 0.76µm Gold Plating,  
288 Circuits, PCB Thickness 1.57mm to  
3.18mm, Black Housing, Blue Latch

Status : Active

## Documents & Resources

### Drawings

Drawing 2044731312\_sd.pdf

### Specifications

Application Specification 2044730000-AS-000.pdf

Application Specification 2044730002-000.pdf

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)8585-DC<br>(23 Jan 2024)                                     |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Part Details

General

|                |                                                                                                                                         |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                  |
| Category       | Memory Module Connectors                                                                                                                |
| Series         | 204473                                                                                                                                  |
| Description    | DDR5 RDIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm to 3.18mm, Black Housing, Blue Latch |
| Component Type | Socket                                                                                                                                  |
| JEDEC Outline  | MO-329                                                                                                                                  |
| Product Family | DDR5 DIMM Sockets                                                                                                                       |
| Product Name   | DDR5 DIMM                                                                                                                               |
| UPC            | 196823168475                                                                                                                            |

Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A            |
| Voltage - Maximum             | 29V AC (RMS)/DC |

Physical

|                                |                            |
|--------------------------------|----------------------------|
| Circuits (Loaded)              | 288                        |
| Circuits (maximum)             | 288                        |
| Durability (mating cycles max) | 25                         |
| Entry Angle                    | Vertical (Top Entry)       |
| Housing Color                  | Black                      |
| Keying to Mating Part          | Yes                        |
| Latch Color                    | Blue                       |
| Material - Metal               | Copper Alloy               |
| Material - Plating Mating      | Gold                       |
| Material - Plating Termination | Tin                        |
| Material - Resin               | High Temperature Polyamide |
| Net Weight                     | 6.289/g                    |
| Packaging Type                 | Tray                       |

|                               |                |
|-------------------------------|----------------|
| PCB Locator                   | Yes            |
| PCB Retention                 | Yes            |
| PCB Thickness - Recommended   | 1.57mm, 3.18mm |
| Pitch - Mating Interface      | 0.85mm         |
| Pitch - Termination Interface | 0.85mm         |
| Plating min - Mating          | 0.762µm        |
| Plating min - Termination     | 2.540µm        |
| Temperature Range - Operating | -55° to +85°C  |
| Termination Interface Style   | Surface Mount  |

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## Mates With / Use With

### Mates with Part(s)

|             |                                         |
|-------------|-----------------------------------------|
| Description | Part Number                             |
| Mates With  | Memory Module Cards of 1.27mm Thickness |