



Part Number : [2044731112](#)

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

Series Number : 204473

Status : Active

Product Category : Memory Module Connectors



Documents and Resources

Drawings

[2044731112_sd.pdf](#)

[2044730003-000.pdf](#)

[Symbol and Footprint \(Multi-Format\)](#)

[2044730000-000.pdf](#)

[2044730000-000.zip](#)

Specifications


[2044730000-AS-000.pdf](#)

[2044730002-000.pdf](#)

[2044730001-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, Black Latch |
| Component Type | Socket |
| JEDEC Outline | MO-329 |
| Product Name | DDR5 DIMM |
| UPC | 191128914437 |

Agency

| | |
|-----|---------|
| CSA | 1409726 |
| UL | E29179 |

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) |
| Flammability | 94V-0 |
| Housing Color | Black |
| Keying to Mating Part | Yes |
| Latch Color | Black |
| 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 |

Solder Process Data

| | |
|------------------------------|--------|
| Max-Duration | 10 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 3 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|------------------------|
| Mates With | Memory Module Cards of |

| | |
|--|------------------|
| | 1.27mm Thickness |
|--|------------------|

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