



Part Number : 2128254004

Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, with Pick-and-Place Tape

Series Number : 212825

Status : Active

Product Category : Memory Module Connectors

Documents & Resources

Drawings

- Drawing 2128254004_sd.pdf
- Packaging Design Drawing PK-78730-001-001.pdf

3D Models and Design Files


- 3D Model 2128254004_stp.zip

Specifications

- Application Specification AS-78730-001-001.pdf
- Application Specification AS-78730-002-001.pdf
- Product Specification PS-78730-001-001.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 (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)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Memory Module Connectors |
| Series | 212825 |
| Description | DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, with Pick-and-Place Tape |
| Component Type | Socket |
| JEDEC Outline | MO-309 |
| Product Family | DDR4 DIMM Sockets |
| Product Name | DDR4 DIMM |
| UPC | 196823358197 |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A |
| 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 | None |
| Latch Color | Black |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |

| | |
|-------------------------------|----------------------------|
| Material - Resin | High Temperature Polyamide |
| Net Weight | 6.500/g |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.85mm |
| Pitch - Termination Interface | 0.85mm |
| Plating min - Mating | 0.760µm |
| Plating min - Termination | 2.540µm |
| Temperature Range - Operating | -55° to +85°C |
| Termination Interface Style | Surface Mount |