



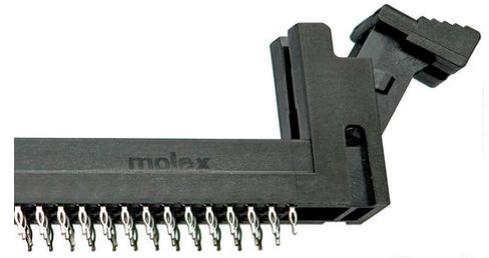
Part Number : [787311002](#)

Product Description : DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, Black Latch

Series Number : 78731

Status : Active

Product Category : Memory Module Connectors



Documents & Resources

Drawings

[787311002 sd.pdf](#)

[PK-78731-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[EE-78731-001-001.pdf](#)

[EE-78731-003-001.pdf](#)

[EE-78731-006-001.pdf](#)

[EE-78731-007-001.pdf](#)

[SP-78731-001-001.zip](#)

[SP-78731-003-001.zip](#)

[SP-78731-006-001.zip](#)

[SP-78731-007-001.zip](#)

Specifications

[AS-78731-003-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34;
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	33
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)4165-DC (25 June 2025)
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	78731
Description	DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, Black Latch
Component Type	Socket
JEDEC Outline	MO-309
Product Name	DDR4 DIMM
UPC	887191484396

Agency

CSA	LR19980
UL	E29179

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)
Flammability	94V-0
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	7.464/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
PC Tail Length	2.53mm
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Press-Fit

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	260

Application Tooling

This document was generated on Aug 05, 2025