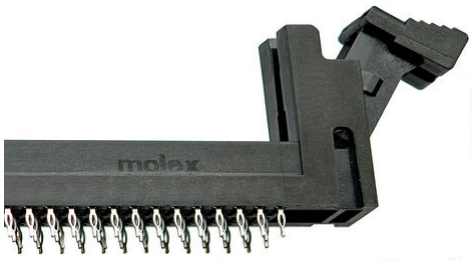
Part Number : 787311003
Product Description : DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, White Latch
Series Number : 78731
Status : Active
Product Category : Memory Module Connectors



Documents and Resources

Drawings

787311003_sd.pdf

PK-78731-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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

PS-78731-001-001.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)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	78731
Description	DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, White Latch
Component Type	Socket
JEDEC Outline	MO-309
Product Name	DDR4 DIMM
UPC	887191518312

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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	No
Latch Color	White
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Polyamide
Net Weight	7.416/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	Through Hole - Compliant Pin

Solder Process Data

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

Application Tooling

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