Part Number : 2128254001
Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, without Pick-and-Place Tape
Series Number : 212825
Status : Active
Product Category : Memory Module Connectors



Documents and Resources

Drawings

2128254001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-78730-001-001.pdf

PS-78730-001-001.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

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- 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	212825
Description	DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, without Pick-and-Place Tape
Component Type	Socket
JEDEC Outline	MO-309
Product Name	DDR4 DIMM
UPC	196823357992

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC

Physical

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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	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Polyamide
Net Weight	6.464/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

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