Part Number : 2128254007

Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.38µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, with 6.10 x 30.00mm Pick-and-Place Tape

Series Number : 212825

Status : Active

Product Category : Memory Module Connectors

Documents & Resources

Drawings

Drawing_2128254007_sd.pdf

Packaging Design Drawing_PK-78730-001-001.pdf

3D Models and Design Files

3D Model_2128254007_stp.zip

Specifications

Application Specification_AS-78730-001-001.pdf

Application Specification_AS-78730-002-001.pdf

Product Specification_PS-78730-002-001.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, 0.38µm Gold Plating, 288 Circuits, with 4.00mm Fork Lock, Black Housing, Black Latch, with 6.10 x 30.00mm Pick-and-Place Tape
Component Type	Socket
JEDEC Outline	MO-309
Product Family	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	196823358265

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	0.380µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount