Part Number : 2128252503

Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, with 2.00mm Solder Tab, Black Housing, White Latch, with Pick-and-Place Tape

Series Number : 212825

Status : Active

Product Category : Memory Module Connectors

Documents & Resources

Drawings

Drawing_2128252503_sd.pdf

Packaging Design Drawing_PK-78730-001-001.pdf

3D Models and Design Files

3D Model_2128252503_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

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

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 2.00mm Solder Tab, Black Housing, White Latch, with Pick-and-Place Tape
Component Type	Socket
JEDEC Outline	MO-309
Product Family	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	196823385506

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	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin

Material - Resin	High Temperature Polyamide
Net Weight	6.520/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