Part Number : 787301155

Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.38µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, Black Housing, White Latch

Series Number : 78730

Status : Active

Product Category : Memory Module Connectors

Documents & Resources

Drawings

Drawing 787301155_sd.pdf
Packaging Design Drawing PK-78730-001-001.pdf

3D Models and Design Files

3D Model 787301155_stp.zip
Electrical Model Document 787300011REVA-000.pdf
Electrical Model Document 787300012REVA-000.pdf
Electrical Model Document EE-78730-002-001.pdf
Electrical Model Document EE-78730-003-001.pdf
Electrical Model Document EE-78730-006-001.pdf
Electrical Model Document EE-78730-007-001.pdf
Electrical Model Document EE-78730-008-001.pdf
Electrical Model Document EE-78730-009-001.pdf
Electrical Model Document EE-78730-010-001.pdf
S-Parameter Model 787300011REVA-000.zip
S-Parameter Model 787300012REVA-000.zip
S-Parameter Model SP-78730-002-001.zip
S-Parameter Model SP-78730-003-001.zip
S-Parameter Model SP-78730-006-001.zip
S-Parameter Model SP-78730-007-001.zip
S-Parameter Model SP-78730-008-001.zip
S-Parameter Model SP-78730-009-001.zip
S-Parameter Model SP-78730-010-001.zip

Specifications

Application Specification AS-78730-001-001.pdf
Application Specification AS-78730-002-001.pdf
Product Specification PS-78730-001-001.pdf
Product Specification PS-78730-002-001.pdf

Product Environment Compliance

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Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	78730
Description	DDR4 DIMM Socket, Vertical Surface Mount, 0.38µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, Black Housing, White Latch
Component Type	Socket
JEDEC Outline	MO-309
Product Family	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	889056080460

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Agency

CSA	1409726
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	Natural (Off-White)
Keying to Mating Part	None
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.266/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 3.18mm
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

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Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

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