molex



Part Number : 787301004
Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, White Housing, Black Latch
Series Number : 78730
Status : Obsolete
Product Category : Memory Module Connectors

Obsolete

Documents and Resources

Drawings

787301004_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

787300011REVA-000.pdf

787300012REVA-000.pdf

EE-78730-002-001.pdf

EE-78730-003-001.pdf

EE-78730-006-001.pdf

EE-78730-007-001.pdf

EE-78730-008-001.pdf

EE-78730-009-001.pdf

EE-78730-010-001.pdf

787300011REVA-000.zip

787300012REVA-000.zip

SP-78730-002-001.zip

SP-78730-003-001.zip

SP-78730-006-001.zip

SP-78730-007-001.zip

SP-78730-008-001.zip

SP-78730-009-001.zip

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SP-78730-010-001.zip

Specifications

AS-78730-002-001.pdf

PS-78730-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 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(2024)4144-DC (27 June 2024)
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	Obsolete
Category	Memory Module Connectors
Series	78730

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Description	DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, White Housing, Black Latch
Component Type	Socket
JEDEC Outline	MO-309
Product Name	DDR4 DIMM
UPC	887191429830

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	Natural (Off-White)
Keying to Mating Part	No
Latch Color	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.202/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 3.18mm

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Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

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

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