Part Number : 1511050004
Product Description : 0.50mm Pitch DDR4 miniDIMM Socket, Surface Mount, Vertical, with Natural (Off-White) Latches, without Center Forklock, without Pick and Place Cap, 288 Circuits
Series Number : 151105
Status : Active
Product Category : Memory Module Connectors



Documents and Resources

Drawings

1511050004_sd.pdf

PK-151105-0001-000.pdf

EE-151105-0001-001.pdf

SI-151105-0001-001.pdf

SP-151105-0001-001.zip

Specifications

AS-151105-0001-001.pdf

AS-151105-0002-001.pdf

PS-151105-0001-001.pdf

TS-151105-0001-001.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(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	151105
Description	0.50mm Pitch DDR4 miniDIMM Socket, Surface Mount, Vertical, with Natural (Off-White) Latches, without Center Forklock, without Pick and Place Cap, 288 Circuits
Component Type	Socket
JEDEC Outline	MO-314
Product Name	DDR4 MiniDIMM
UPC	889056426541

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Voltage Key	1.2V
Voltage - Maximum	29V AC (RMS)/DC

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Physical

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	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	3.810/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
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	5
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	JEDEC MO-314 Memory Modules

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