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Part Number:

1511050002

Status:

Active

Overview:

MiniDIMM Sockets

Description:

0.50mm Pitch DDR4 miniDIMM Socket, Surface Mount, Vertical, with Natural (Off-White) Latches, without Center Forklock, with Pick and Place Cap, 288 Circuits



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-151105-0001-001 \(PDF\)](#)

[Application Specification AS-151105-0001-001 \(PDF\)](#)

[Application Specification AS-151105-0002-001 \(PDF\)](#)

[Packaging Specification PK-151105-0001-000 \(PDF\)](#)

[Test Summary TS-151105-0001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	151105
Component Type	Socket
JEDEC Outline	MO-314
Overview	MiniDIMM Sockets
Product Name	DDR4 MiniDIMM
UPC	889056426527
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	None
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	3.810/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
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
Electrical	
Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC
Voltage Key	1.2V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

151105 Series

Mates With

JEDEC MO-314 Memory Modules

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-151105-0001-001, AS-151105-0002-001
Electrical Model Document	EE-151105-0001-001
Packaging Specification	PK-151105-0001-000
Product Specification	PS-151105-0001-001
S-Parameter Model	SP-151105-0001-001
Sales Drawing	SD-151105-0001-000
Signal Integrity Report	SI-151105-0001-001
Test Summary	TS-151105-0001-001

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