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Part Number: **1511050003**
Status: **Active**
Overview: MiniDIMM Sockets
Description: 0.50mm Pitch DDR4 miniDIMM Socket, Surface Mount, Vertical, with Natural (Off-White) Latches, with Center Forklock, with Pick and Place Cap, 288 Circuits

Documents:

Drawing (PDF)	Packaging Specification PK-151105-0001-000 (PDF)
Product Specification PS-151105-0001-001 (PDF)	Test Summary TS-151105-0001-001 (PDF)
Application Specification AS-151105-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-151105-0002-001 (PDF)	



Series image - Reference only

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	889056426534

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	3.834/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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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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