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Part Number: [1511050004](#)
Status: **Active**
Overview: [MiniDIMM Sockets](#)
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

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)	



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
Taxonomy	Memory Module Connectors
UPC	889056426541

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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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](#)

Max. Cycles at Max. Process Temperature	002
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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