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Part Number: [1511050001](#)
Status: **Active**
Description: 0.50mm Pitch DDR4 miniDIMM Socket, Surface Mount, Vertical, with Natural (Off-White) Latches, with Center Forklock, without Pick and Place Cap, 288 Circuits

Documents:

Drawing (PDF)	Test Summary TS-151105-0001 (PDF)
Product Specification PS-151105-0001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-151105-0001 (PDF)	

General

Product Family	Memory Module Sockets
Series	151105
Comments	Natural (Off-White) Latches
Component Type	Socket
JEDEC Outline	MO-314
Product Name	MiniDIMM
UPC	889056426114

Physical

Circuits (Loaded)	288
Circuits (maximum)	288
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	3.834/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55°C 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
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-151105-0001
Electrical Model Document	EE-151105-0001
Product Specification	PS-151105-0001
S-Parameter Model	SP-151105-0001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[151105](#) Series

Mates With

JEDEC MO-314 Memory Modules

Sales Drawing
Signal Integrity Report
Test Summary

SD-151105-0001
SI-151105-0001
TS-151105-0001

This document was generated on 11/02/2015

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