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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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-151105-0001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

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)
 Flammability 94V-0
 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-free Process Capability REFLOW
 Max. Cycles at Max. Process Temperature 002
 Process Temperature max. C 260

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

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

Electrical Model Document
Packaging Specification
S-Parameter Model
Sales Drawing
Signal Integrity Report

EE-151105-0001
PK-151105-0001
SP-151105-0001
SD-151105-0001
SI-151105-0001

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