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**Part Number:** [1511050002](#)  
**Status:** **Active**  
**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 \(PDF\)](#) [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  
 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 over Nickel  
 Material - Plating Termination Tin over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 3.810/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° 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**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**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](#)

**Reference - Drawing Numbers**

Application Specification	AS-151105-0001-001, AS-151105-0002-001
Electrical Model Document	EE-151105-0001
Packaging Specification	PK-151105-0001-000
Product Specification	PS-151105-0001-001
S-Parameter Model	SP-151105-0001
Sales Drawing	SD-151105-0001-000
Signal Integrity Report	SI-151105-0001
Test Summary	TS-151105-0001-001

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