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**Part Number:** [1511050001](#)  
**Status:** **Active**  
**Overview:** [MiniDIMM Sockets](#)  
**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-151105-0001-000 (PDF)</a>
<a href="#">Product Specification PS-151105-0001-001 (PDF)</a>	<a href="#">Test Summary TS-151105-0001-001 (PDF)</a>
<a href="#">Application Specification AS-151105-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-151105-0002-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Memory Module Sockets
Series	<a href="#">151105</a>
Component Type	Socket
JEDEC Outline	MO-314
Overview	<a href="#">MiniDIMM Sockets</a>
Product Name	DDR4 MiniDIMM
UPC	889056426114

**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**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
Terphenyl,  
hydrogenated  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
ammoniumpentadecafluorooctanoate  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
dibutyltin dichloride  
1,2-diethoxyethane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
decamethylcyclopentasiloxane  
dodecamethylcyclohexasiloxane

**China RoHS**

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
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

benzo[ghi]perylene  
ethylene thiourea  
phenanthrene  
[phthalato(2-)]dioxotrilead  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Sulfurous acid, lead  
salt, dibasic  
cadmium hydroxide  
pyrochlore, antimony  
lead yellow  
orange lead  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
bis(2-methoxyethyl)  
phthalate  
pentazinc chromate  
octahydroxide  
tetraboron disodium  
heptaoxide, hydrate  
tris(2-chloroethyl)  
phosphate

#### Halogen-Free

#### Status

#### Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

#### Search Parts in this Series

[151105](#) Series

#### Mates With

JEDEC MO-314 Memory Modules

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