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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 \(PDF\)](#)



Series image - Reference only

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
 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-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 (H₂Si₂O₅),
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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