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Part Number: [78321-0001](#)
Status: **Active**
Overview: DDR3 DIMM Sockets
Description: 1.00mm Pitch DDR3 DIMM Socket, LLCR, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.38µm Gold (Au) Plating, 2.67mm Solder Tail Length, 1.57mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-78321-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78321](#)
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-269
 Overview [DDR3 DIMM Sockets](#)
 Product Name DDR3 DIMM
 UPC 883906756536

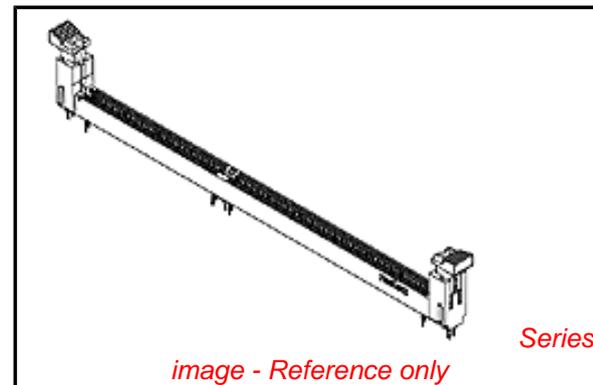
Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 9.168/g
 PC Tail Length 2.67mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination Interface 1.00mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center

Solder Process Data



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 Low-Halogen Status
 Not Low-Halogen**

China RoHS



**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[78321Series](#)

Mates With

JEDEC Standard 1.27mm Modules

| | |
|--|------------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 2 |
| Process Temperature max. C | 260 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------------------|
| Electrical Model Document | EE-78321-001, EE-78321-002 |
| Product Specification | PS-78321-002 |
| S-Parameter Model | SP-78321-001 |
| Sales Drawing | SD-78321-001 |

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