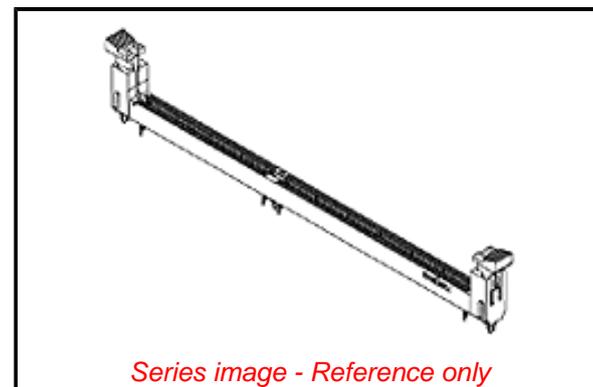


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**Part Number:** [0783210011](#)  
**Status:** **Active**  
**Overview:** DDR3 DIMM Sockets  
**Description:** 1.00mm Pitch DDR3 DIMM Socket, LLCR, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 2.67mm Solder Tail Length, 1.57mm PCB Thickness, 240 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-78321-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78321-001-001 \(PDF\)](#)



**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 883906020972

**Physical**

Circuits (Loaded) 240  
 Circuits (maximum) 240  
 Durability (mating cycles max) 25  
 Entry Angle Vertical  
 Flammability 94V-0  
 Function Key None  
 Housing Color Black  
 Keying to Mating Part Yes  
 Latch Color Black  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 9.228/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 0.762µm  
 Plating min - Termination 2.540µm  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 30V AC (RMS)/DC  
 Voltage Key Center

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

[78321 Series](#)

**Mates With**

JEDEC Standard 1.27mm Modules

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

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

This document was generated on 03/21/2017

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