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Part Number: [0783210011](#)
Status: **Planned for Obsolescence**
Description: 1.00mm (.039") Pitch DDR3 DIMM Socket, LLCR, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm (30µ") Gold (Au) Plating, 2.67mm (.105") Solder Tail Length, 1.57mm (.062") PCB Thickness, 240 Circuits, Lead free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78321](#)
 Component Type Socket
 JEDEC Outline MO-269
 Product Name DDR3 DIMM

Physical

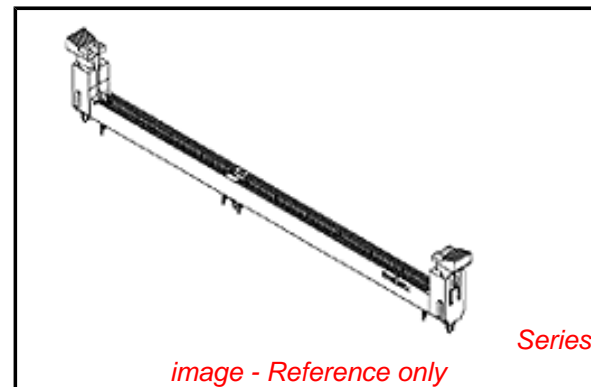
Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 PC Tail Length 2.67mm (.105")
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm (.062")
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm (.039")
 Pitch - Termination Interface 1.00mm (.039")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 2.540µm (100µ")
 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

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



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

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

Material Info

Reference - Drawing Numbers

Product Specification

PS-78321-001

Sales Drawing

SD-78321-001

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