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Part Number: [0783210006](#)
Status: **Active**
Overview: DDR3 DIMM Sockets
Description: 1.00mm Pitch DDR3 DIMM Socket, LLCR, Vertical, Through Hole, with Beveled Metal Pins, Black Housing, Natural (Off-White) Latches, 0.38µm Gold (Au) Plating, 2.67mm Solder Tail Length, 1.57mm PCB Thickness, 240 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-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
 Electrical Model Yes
 JEDEC Outline MO-269
 Overview [DDR3 DIMM Sockets](#)
 Product Name DDR3 DIMM
 UPC 883906731175

Physical

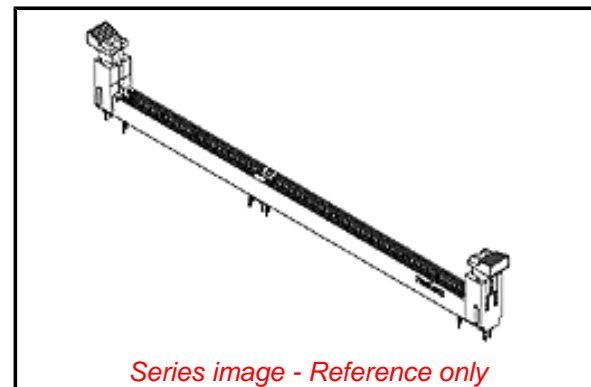
Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black, Natural
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 8.500/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 1.0A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 010



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Not Low-Halogen

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 environmental compliance?**

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[78321](#) Series

Mates With

JEDEC Standard 1.27mm Modules

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
S-Parameter Model	SP-78321-001
Sales Drawing	SD-78321-001

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