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Part Number:

78378-0001

Status:

Active

Overview:

DDR3 DIMM Sockets

Description:

1.00mm Pitch DDR3 DIMM Socket, Low LLCR, Surface Mount, Vertical, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 1.57mm PCB Thickness, 1.5V Center Voltage Key, 240 Circuits, Lead-Free



image - Reference only

Series

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-78378-001 \(PDF\)](#)
- [Application Specification AS-78378-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	78378
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-269
Overview	DDR3 DIMM Sockets
Product Name	DDR3 DIMM
UPC	883906279400

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	8.858/g
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	Surface Mount

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

Not Reviewed

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

78378Series

Mates With

JEDEC Standard 1.27mm Modules

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-78378-001
Electrical Model Document	EE-78378-001
Product Specification	PS-78378-001
S-Parameter Model	SP-78378-001
Sales Drawing	SD-78378-001

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