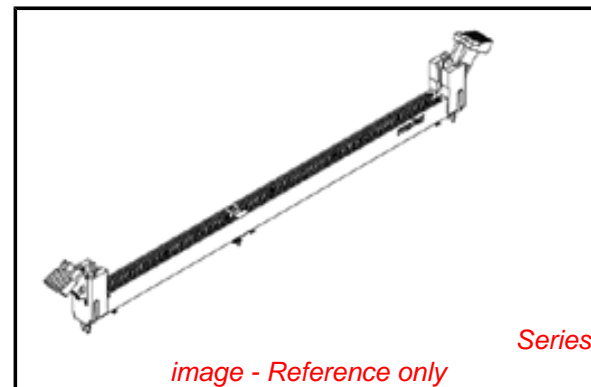


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

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



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

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p>
--	--------------------------

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

This document was generated on 01/22/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION