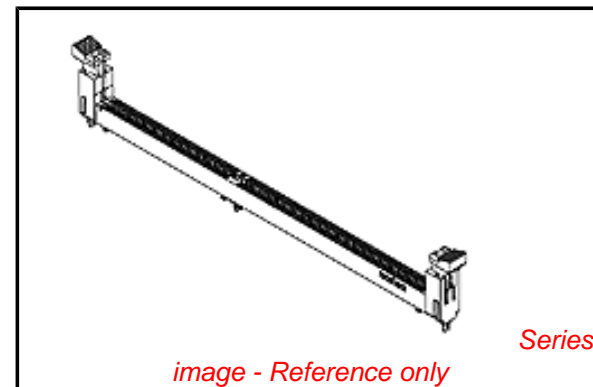


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [78156-0001](#)
Status: **Active**
Overview: DDR3 DIMM
Description: 1.00mm Pitch DDR3 DIMM Socket, Vertical, SMT, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 3.94mm Beveled Metal Pin Length, 1.57mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-78156-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78156-001 \(PDF\)](#)



Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78156](#)
 Component Type Socket
 JEDEC Outline MO-269
 Overview [DDR3 DIMM](#)
 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
 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

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

EU RoHS **China RoHS**

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed



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

[78156Series](#)

Mates With

JEDEC standard 1.27mm modules

Process Temperature max. C

260

Material Info

UPC

800756674803

Reference - Drawing Numbers

Application Specification

AS-78156-001

Product Specification

PS-78156-001

Sales Drawing

SD-78156-001

This document was generated on 06/18/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION