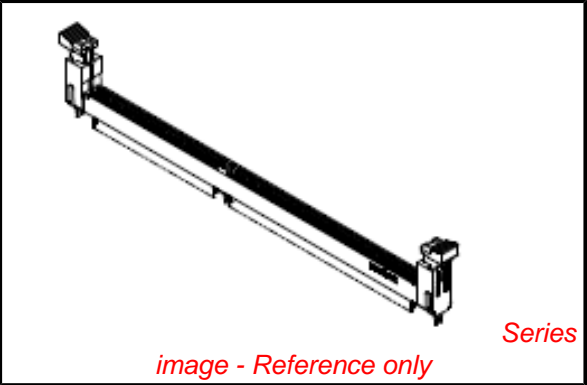


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Part Number: 78079-0102
Status: Active
Overview: DDR3 DIMM
Description: 1.00mm Pitch DDR3 DIMM Socket, Vertical, Through Hole, with Beveled Metal Pins, Off-White Housing and Latches, 0.38µm Gold (Au) Plating, 3.18mm Solder-tail, 240 Circuits, Lead-Free



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78079-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Memory Module Sockets
Series 78079
Component Type Socket
Electrical Model Yes
JEDEC Outline MO-269
Overview DDR3 DIMM
Product Name DDR3 DIMM
UPC 883906160678

Physical

Circuits (Loaded) 240
Circuits (maximum) 240
Color - Resin Natural
Durability (mating cycles max) 25
Entry Angle Vertical
Flammability 94V-0
Keying to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 8.800/g
PC Tail Length 3.18mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 2.36mm
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 1A
Voltage - Maximum 30V AC (RMS)/DC
Voltage Key Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Contains SVHC: No
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

78079Series

Mates With

JEDEC Standard 1.27mm Modules

Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-78079-001, EE-78079-002, EE-78079-003, EE-78079-004, EE-78079-005, EE-78079-008
Product Specification	PS-78079-001
S-Parameter Model	SP-78079-008
Sales Drawing	SD-78079-001

This document was generated on 09/08/2014

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