

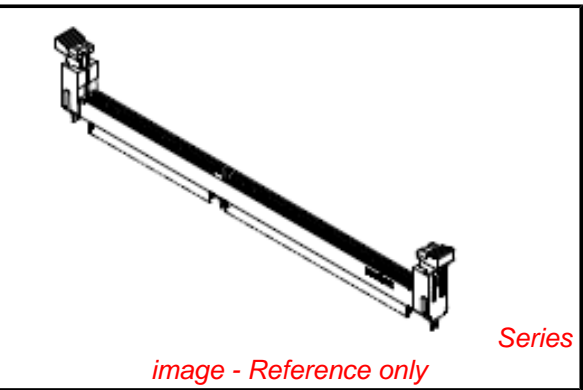
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Part Number: 78079-0022

Status: Active

Overview: DDR3 DIMM

Description: 1.00mm Pitch DDR3 DIMM Socket, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.076µm Gold (Au) Plating, 3.18mm Solder tail, 240 Circuits, Lead-Free



Documents:

3D Model	Product Specification PS-78079-003 (PDF)
Drawing (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	800756837789

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	9.283/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	0.076µm
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

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

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	240

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-78079-003
S-Parameter Model	SP-78079-008
Sales Drawing	SD-78079-001

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