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Part Number: [78079-0012](#)
Status: **Active**
Overview: [DDR3 DIMM](#)
Description: 1.00mm Pitch DDR3 DIMM Socket, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 3.18mm Solder-tail, 240 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-78079-002 \(PDF\)](#)
[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	822350959131

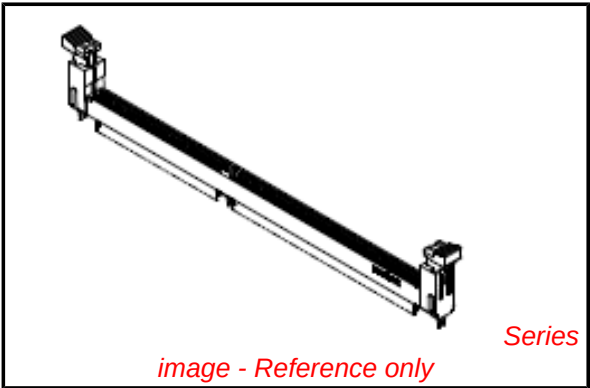
Physical

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	9.211/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	0.762µm
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



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)	5
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-78079-002
S-Parameter Model	SP-78079-008
Sales Drawing	SD-78079-001

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