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Part Number: [0780790001](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR3 DIMM Socket, Vertical, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.38µm (15µ") Gold (Au) Plating, 2.67mm(.105") Solder tail, 240 Circuits, Lead free

Documents:

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

General

Product Family	Memory Module Sockets
Series	78079
Component Type	Socket
JEDEC Outline	MO-269
Product Name	DDR3 DIMM

Physical

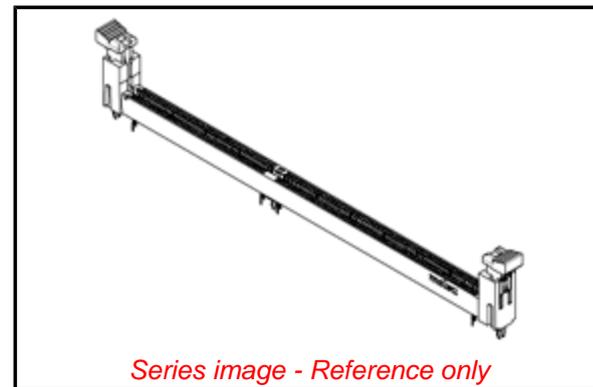
Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Function Key	None
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.105 In
PC Tail Length (mm)	2.67 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	1A
UL	E29179
Voltage - Maximum	30V AC (RMS)/DC
Voltage Key	Center

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
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Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**

China RoHS



Not Reviewed
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[78079 Series](#)

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

Product Specification	PS-78079-001
Sales Drawing	SD-78079-001

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