

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

78079-0011

Status:

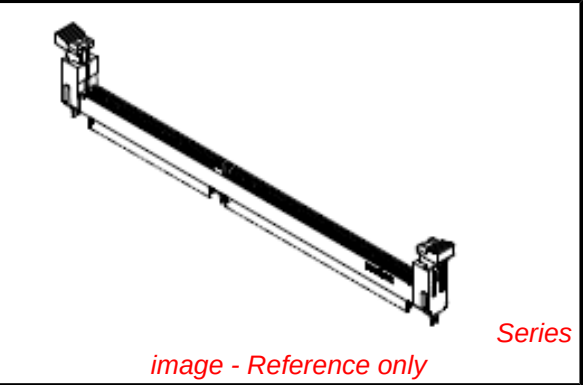
Active

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, 2.67mm Solder-tail, 240 Circuits, Lead-Free



|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-78079-002 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                |
|--------------------------------|--------------------------------|
| 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                            | 822350959124                   |
| 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                     | 9.187/g                        |
| PC Tail Length                 | 2.67mm                         |
| 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   | 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



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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,<br>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                                                                          |

This document was generated on 09/08/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[78079-0011](#)