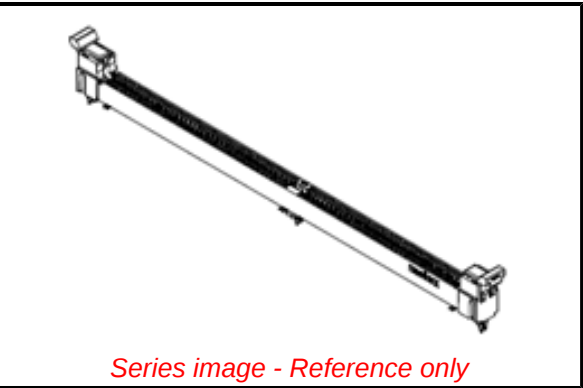


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**Part Number:** [0781250001](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR2 DIMM Socket, Very Low Profile, Vertical, Surface Mount, 1.8 V, Center Keys, Black Latches, Beveled Metal Pin Length 3.94mm, 240 Circuits, Lead-Free



Series image - Reference only

**Documents:**

[3D Model](#) [Product Specification PS-78125-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family Memory Module Sockets  
Series [78125](#)  
Component Type Socket  
Electrical Model Yes  
JEDEC Outline MO-237  
Product Name DDR2 DIMM  
UPC 822350810678

**Physical**

Circuits (Loaded) 240  
Durability (mating cycles max) 25  
Entry Angle Vertical (Top Entry)  
Flammability 94V-0  
Housing Color Black  
Keying to Mating Part Yes  
Latch Color Black  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 7.794/g  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm  
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 -10°C to +85°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.0A  
Voltage - Maximum 30V AC (RMS)  
Voltage Key 1.8V, Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-freeProcess Capability REFLOW  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

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

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**

[78125](#) Series

**Mates With**

JEDEC Standard 1.27mm Modules

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Electrical Model Document | EE-78125-001     |
| Product Specification     | PS-78125-001-001 |
| S-Parameter Model         | SP-78125-001     |
| Sales Drawing             | SD-78125-001     |

This document was generated on 02/09/2017

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