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Part Number: [78125-0001](#)
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

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

Agency Certification

CSA LR19980
UL E29179

General

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

Physical

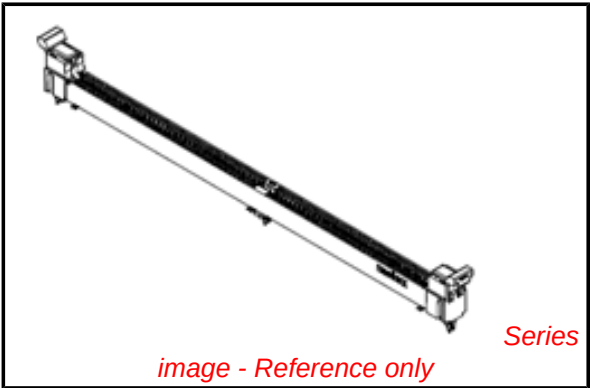
Circuits (Loaded) 240
Color - Resin Black
Durability (mating cycles max) 25
Entry Angle Vertical (Top Entry)
Flammability 94V-0
Keying to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net 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 1A
Voltage - Maximum 30V AC (RMS)
Voltage Key 1.8V, Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260



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
[78125Series](#)

Mates With
JEDEC Standard 1.27mm Modules

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-78125-001
Product Specification	PS-78125-001, RPS-78125-001
Sales Drawing	SD-78125-001

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