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**Part Number:** [78065-8002](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR2 DIMM Socket, Very Low Profile, Vertical, Press-fit, 1.8V Center Keys, 4.20mm Tail Length, Black Latches, 240 Circuits, 0.76µm Gold (Au) Plating, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-87746-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78065-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [78065](#)  
 Comments <LI>Latches in Black Color  
 Component Type Socket  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM  
 UPC 822350971454

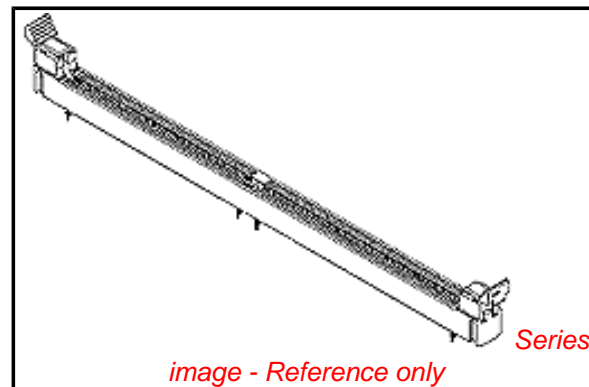
**Physical**

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 Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 10.200/g  
 PC Tail Length 4.20mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 4.57mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Pitch - Termination Interface 1.00mm, 5.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 0.381µm  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 30V AC (RMS)/DC  
 Voltage Key Center

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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**

[78065Series](#)

**Mates With**

[JEDEC MO-237 Modules](#)

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-87746-001

PS-78065-001, RPS-78065-002

SD-78065-001

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