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**Part Number:** [87916-0111](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR-2 DIMM Socket, 22.5 Degree Angle, Through Hole, 240 Circuits, 1.8V Voltage Key, 0.76µm Gold (Au) Plating, 4.00mm Tail Length, with Off-White Latches, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87916-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87916](#)  
 Comments <LI>Latches in Off-White Color  
 Component Type Socket  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM

**Physical**

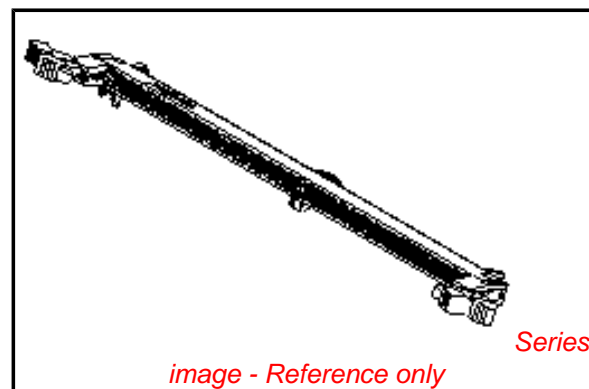
Circuits (Loaded) 240  
 Circuits (maximum) 240  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 25  
 Entry Angle 22.5° Angle  
 Flammability 94V-0  
 Function Key None  
 Keying to Mating Part Yes  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 PC Tail Length 4.00mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 3.20mm  
 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 0.5A  
 Voltage - Maximum 30V AC (RMS)/DC  
 Voltage Key Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
 Lead-free Process Capability SMC & Wave Capable (TH only)  
 Max. Cycles at Max. Process Temperature 2  
 Process Temperature max. C 260



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Reviewed**

**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**

87916Series

**Mates With**

JEDEC standard 1.27mm modules

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-87916-001, RPS-87916-001

SD-87916-001

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