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**Part Number:** [87966-0001](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR2 DIMM Socket, Vertical, Surface Mount, Center Keys, Black Latches, with Beveled Metal Pins, 240 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-87966-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87966-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87966](#)  
 Comments <LI> Latches in Black Color  
 Component Type Memory Module  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM  
 UPC 822350376457

**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 Brass, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 8.490/g  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating 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

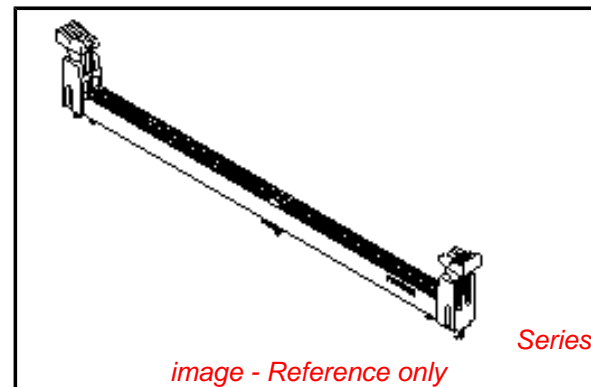
**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 30V  
 Voltage Key 1.8V, Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 3  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 1  
 Process Temperature max. C 250

**Material Info**



**EU RoHS**

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

**China RoHS**



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 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**

[87966Series](#)

**Mates With**

[JEDEC MO-237 modules](#)

## Reference - Drawing Numbers

Application Specification  
Electrical Model Document  
Product Specification  
Sales Drawing

AS-87966-001  
EE-87966-001, EE-87966-002  
PS-87966-001, RPS-87966-001  
SD-87966-002

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