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**Part Number:** [87705-0051](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR-II DIMM Socket, Vertical, Center Keys, 2.67mm Tail Length, Beige Latches, with Beveled Metal Pins, 240 Circuits, 0.76µm Gold (Au) Plating, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87705-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87705](#)  
 Comments <LI>Latches in Beige Color  
 Component Type Socket  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM  
 UPC 756054857359

**Physical**

Circuits (Loaded) 240  
 Color - Resin Black, Natural  
 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 10.094/g  
 PC Tail Length 2.67mm  
 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 Through Hole

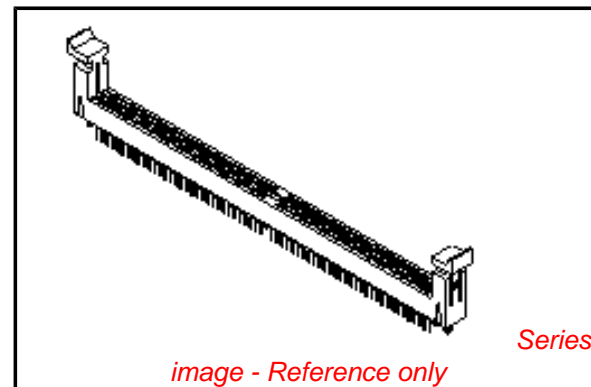
**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 30V  
 Voltage Key 1.8V, Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
 Lead-free Process Capability SMC & Wave Capable (TH only)  
 Max. Cycles at Max. Process Temperature 1  
 Process Temperature max. C 260

**Material Info**



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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 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**

[87705Series](#)

**Mates With**

JEDEC Standard 1.27mm Modules

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-87705-002  
SD-87705-001

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