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**Part Number:** **0876232001**  
**Status:** **Active**  
**Description:** 1.27mm Pitch DDR DIMM Socket, Low Profile (25°), Single Key, with Beveled Metal Pins and Plastic Pegs, 2.79mm Tail Length, with 3.18mm Locating Pegs, 0.38µm Gold (Au) Plating, 184 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87623-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87623](#)  
 Component Type Socket  
 Electrical Model Yes  
 JEDEC Outline MO-206  
 Product Name DDR DIMM  
 UPC 822348562046

**Physical**

Circuits (Loaded) 184  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 25  
 Entry Angle 25° Angle  
 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 10.772/g  
 PC Tail Length 2.79mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 2.540µm  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Through Hole

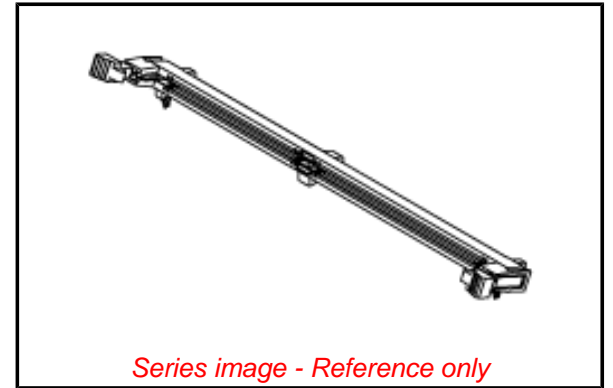
**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 50V  
 Voltage Key 2.5V, Left

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
 Lead-free Process Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 002  
 Process Temperature max. C 260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015  
 June 15): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[87623](#) Series

**Mates With**

JEDEC MO-206 Modules

**Reference - Drawing Numbers**

Electrical Model Document

Product Specification

S-Parameter Model

Sales Drawing

EE-87623-001

PS-87623-002, RPS-87623-003

SP-87623-001

SD-87623-001

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