

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87705-0021](#)
Status: **Active**
Description: 1.00mm Pitch DDR-II DIMM Socket, Vertical, Center Keys, 2.67mm Tail Length, Beige Latches, 0.38µm Gold (Au) Plating, with Beveled Metal Pins, 240 Circuits, Lead-Free

Documents:

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

Agency Certification

CSA 1409726
 UL E29179

General

Product Family Memory Module Sockets
 Series [87705](#)
 Comments Latches in Beige Color
 Component Type Socket
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 756054856574

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 9.965/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 0.381µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -10°C to +85°C
 Termination Interface: Style Through Hole

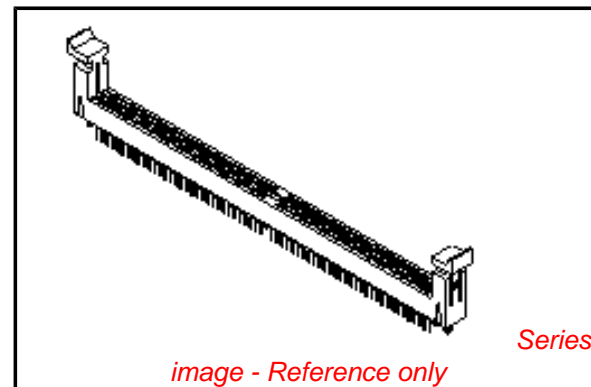
Electrical

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
 Contains SVHC: No
 Low-Halogen Status
 Not Low-Halogen**

China RoHS



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

Email 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

[87705Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87705-002
SD-87705-001

This document was generated on 02/04/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION