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Part Number: [0877051021](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR-II DIMM Socket, Vertical, Center Keys, 3.18mm (.125") Tail Length, Beige Latches, 0.38µm (15µ") 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 \(PDF\)](#)

General

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

Physical

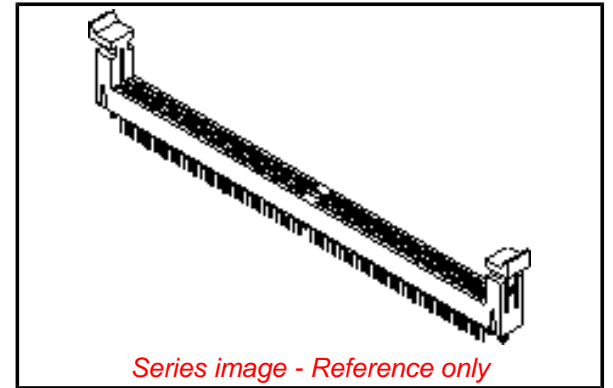
Circuits (Loaded) 240
 Color - Resin Black
 Color - Resin Natural
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Brass
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 PC Tail Length (in) 0.125 In
 PC Tail Length (mm) 3.18 mm
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.093 In
 PCB Thickness Recommended (mm) 2.40 mm
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.039 In
 Pitch - Mating Interface (mm) 1.00 mm
 Plating min: Mating (µin) 15.2
 Plating min: Mating (µm) 0.38
 Plating min: Termination (µin) 101.6
 Plating min: Termination (µm) 2.54
 Temperature Range - Operating -10°C to +85°C
 Termination Interface: Style Through Hole

Electrical

CSA 1409726
 Current - Maximum 0.5A
 UL E29179
 Voltage - Maximum 30V
 Voltage Key 1.8V
 Voltage Key Center

Solder Process Data

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



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 Halogen-Free
 Status**

China RoHS



Not Reviewed

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 environmental compliance?**

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 non-product compliance questions.

Search Parts in this Series

[87705 Series](#)

Mates With

JEDEC standard 1.27mm modules

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-87705-002
Sales Drawing	SD-87705-001

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