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Part Number: [0877050021](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR-II DIMM Socket, Vertical, Center Keys, 2.67mm (.105") 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

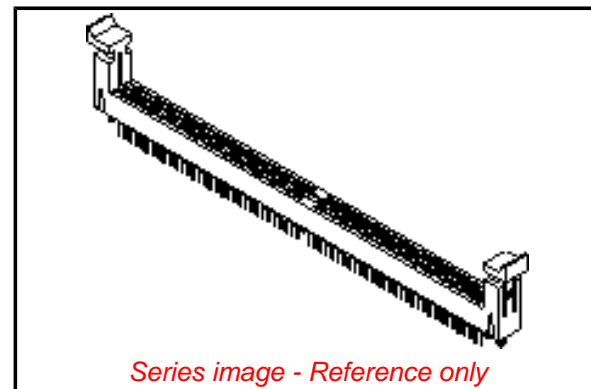
Circuits (Loaded)	240
Color - Resin	Black
Color - Resin	Natural
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Brass
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.105 In
PC Tail Length (mm)	2.67 mm
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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



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environmental compliance?**

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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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