

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0877050031](#)
Status: **Active**
Description: 1.00mm Pitch DDR-II DIMM Socket, Vertical, Center Keys, 3.18mm Tail Length, Beige Latches, 0.03µm Gold (Au) Plating, with Beveled Metal Pins, 240 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87705-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

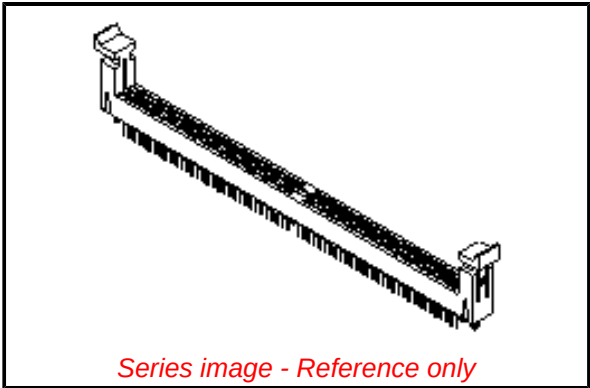
Agency Certification
CSA LR19980
UL E29179

General
Product Family Memory Module Sockets
Series [87705](#)
Component Type Socket
Electrical Model Yes
JEDEC Outline MO-237
Product Name DDR2 DIMM
UPC 756054857311

Physical
Circuits (Loaded) 240
Durability (mating cycles max) 25
Entry Angle Vertical (Top Entry)
Flammability 94V-0
Function Key None
Housing Color Black
Keying to Mating Part Yes
Latch Color Beige
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 Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 1.00mm
Pitch - Termination Interface 1.00mm
Plating min - Mating 0.051µm
Plating min - Termination 2.540µm
Temperature Range - Operating -10° to +85°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 0.5A
Voltage - Maximum 30V AC (RMS)/DC
Voltage Key Center

Solder Process Data
Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260



EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
---	--

Search Parts in this Series
[87705 Series](#)

Mates With
JEDEC Standard 1.27mm Modules

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87705-001
Product Specification	PS-87705-002-001
S-Parameter Model	SP-87705-001
Sales Drawing	SD-87705-001

This document was generated on 09/19/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87705-0031](#)