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Part Number: [0877051031](#)
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 756054857335

Physical

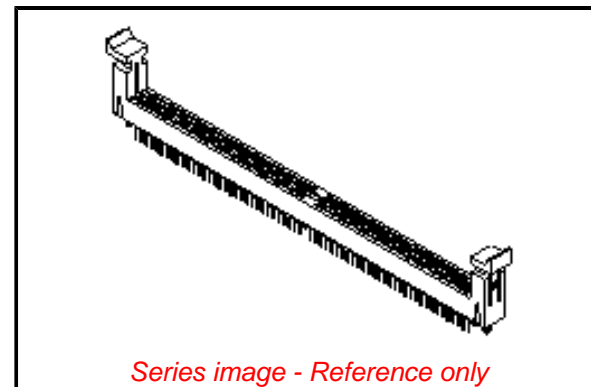
Circuits (Loaded) 240
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Function Key None
 Housing Color Black
 Keying to Mating Part Yes
 Latch Color Beige
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 10.094g
 PC Tail Length 3.18mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.36mm
 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°C 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-free Process 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/01/2018 (15
 January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

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

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