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Part Number: [87916-0111](#)
Status: **Active**
Description: 1.00mm Pitch DDR-2 DIMM Socket, 22.5 Degree Angle, Through Hole, 240 Circuits, 1.8V Voltage Key, 0.76µm Gold (Au) Plating, 4.00mm Tail Length, with Off-White Latches, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87916-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [87916](#)
 Comments Latches in Off-White Color
 Component Type Socket
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 800756936642

Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black, Natural
 Durability (mating cycles max) 25
 Entry Angle 22.5° Angle
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 11.331/g
 PC Tail Length 4.00mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 3.20mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination Interface 1.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -55°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) 10
 Lead-free Process Capability SMC & Wave Capable (TH only)
 Max. Cycles at Max. Process Temperature 2

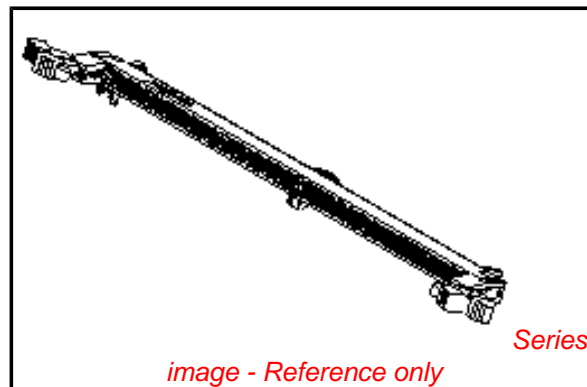


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EU RoHS

**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

[87916Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-87916-001

Product Specification

PS-87916-001, RPS-87916-001

Sales Drawing

SD-87916-001

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