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Part Number: [0879160111](#)
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-87916-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Memory Module Sockets
Series [87916](#)
Component Type Socket
Electrical Model Yes
JEDEC Outline MO-237
Product Name DDR2 DIMM
UPC 800756936642

Physical

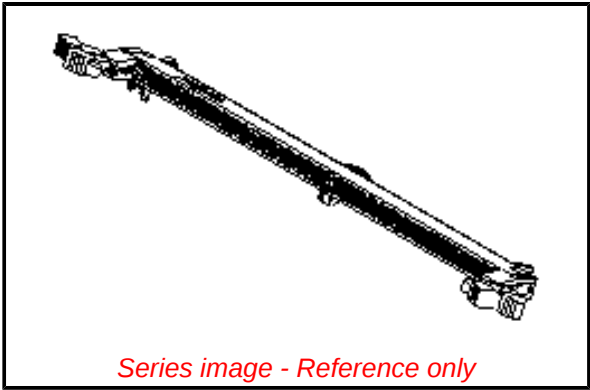
Circuits (Loaded) 240
Circuits (maximum) 240
Durability (mating cycles max) 25
Entry Angle 22.5° Angle
Flammability 94V-0
Function Key None
Housing Color Black
Keying to Mating Part Yes
Latch Color Natural (Off-White)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin 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) 010
Lead-freeProcess Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

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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

[87916](#) Series

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-87916-001-001
S-Parameter Model	SP-87916-001
Sales Drawing	SD-87916-001

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