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Part Number: [0879160011](#)
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, 3.18mm 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 822350397841

Physical

Circuits (Loaded) 240
 Durability (mating cycles max) 25
 Entry Angle 22.5° Angle
 Flammability 94V-0
 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 11.431/g
 PC Tail Length 3.18mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tray
 Pitch - Mating 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

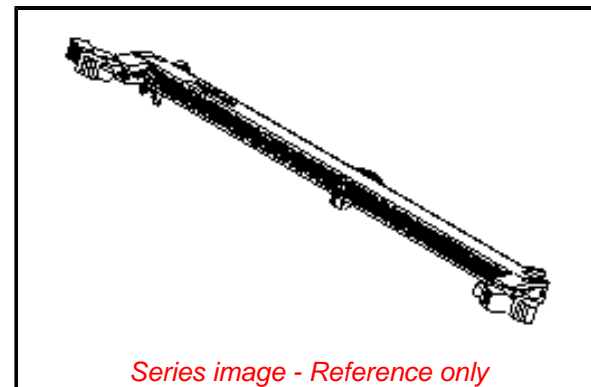
Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 30V
 Voltage Key 1.8V

Solder Process Data

Duration at Max. Process Temperature (seconds) 010
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 002
 Process Temperature max. C 260

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

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

[87916 Series](#)

Mates With

JEDEC Standard 1.27mm Modules

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

This document was generated on 06/25/2018

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