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Part Number: [0879160011](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR-2 DIMM Socket, 22.5 Degree Angle, Through Hole, 240 Circuits, 1.8V Voltage Key, 0.76µm (30µ") Gold (Au) Plating, 3.18mm (.125") Tail Length, with Off-White Latches, Lead-free

Documents:

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

General

Product Family	Memory Module Sockets
Series	87916
Comments	Latches in Off-White Color
Component Type	Memory Module
JEDEC Outline	MO-237
Product Name	DDR2 DIMM

Physical

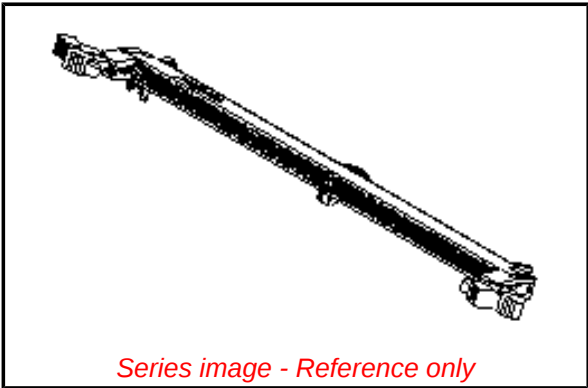
Circuits (Loaded)	240
Color - Resin	Black
Color - Resin	Natural
Durability (mating cycles max)	25
Entry Angle	22.5° Angle
Flammability	94V-0
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.125 In
PC Tail Length (mm)	3.18 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (mm)	2.40 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	2.54
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	0.5A
UL	E29179
Voltage - Maximum	30V
Voltage Key	1.8V

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
Process Temperature max. C	260



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Halogen-Free
Status**

China RoHS



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environmental compliance?**

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non-product compliance questions.

Search Parts in this Series
[87916 Series](#)

Mates With
JEDEC standard 1.27mm modules

Material Info

Reference - Drawing Numbers

Product Specification	PS-87916-001
Product Specification	RPS-87916-001
Sales Drawing	SD-87916-001

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