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Part Number: 0876232001

Status: Active

Description: 1.27mm Pitch DDR DIMM Socket, Low Profile (25°), Single Key, with Beveled Metal Pins and Plastic Pegs, 2.79mm Tail Length, with 3.18mm Locating Pegs, 0.38µm Gold (Au) Plating, 184 Circuits, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87623-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	87623
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-206
Product Name	DDR DIMM
UPC	822348562046

Physical

Circuits (Loaded)	184
Color - Resin	Black, Natural
Durability (mating cycles max)	25
Entry Angle	25° Angle
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.772/g
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V
Voltage Key	2.5V, Left

Solder Process Data

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

Material Info

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Contains SVHC(2015 June 15): No

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

Search Parts in this Series
87623 Series

Mates With
JEDEC MO-206 Modules

Reference - Drawing Numbers

Electrical Model Document	EE-87623-001
Product Specification	PS-87623-002, RPS-87623-003
S-Parameter Model	SP-87623-001
Sales Drawing	SD-87623-001

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