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Part Number: [87623-2012](#)
Status: **Active**
Description: 1.27mm Pitch DDR DIMM Socket, Low Profile (25°), Single Key, with Beveled Metal Pins and Plastic Pegs, 3.18mm Tail Length, with 3.18mm Locating Pegs, 0.38µm Gold (Au) Plating, 184 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87623-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Memory Module Sockets
Series [87623](#)
Component Type Memory Module
Electrical Model Yes
JEDEC Outline MO-206
Product Name DDR DIMM
UPC 822348562060

Physical

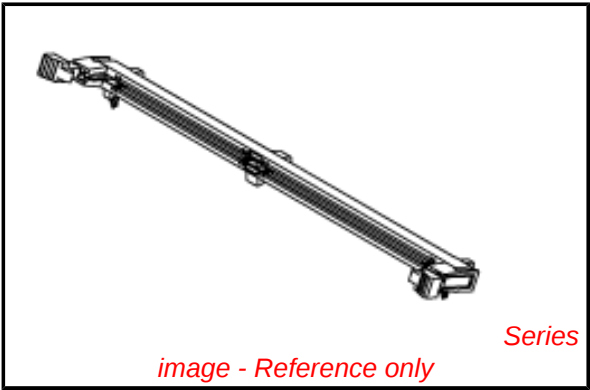
Circuits (Loaded) 184
Color - Resin Black, Natural
Durability (mating cycles max) 25
Entry Angle 25° Angle
Flammability 94V-0
Keying to Mating Part Yes
Material - Metal Brass, Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 10.817/g
PC Tail Length 3.18mm
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 1A
Voltage - Maximum 50V
Voltage Key 2.5V, Left

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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



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
[87623Series](#)

Mates With
JEDEC MO-206 Modules

Material Info

Reference - Drawing Numbers

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

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