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Part Number: [87803-0102](#)
Status: **Active**
Description: 1.00mm Pitch DDR-2 DIMM Socket, 25 Degree Angle, Through Hole, 1.8V Voltage Key, 2.79mm Tail Length, 0.76µm Gold (Au) Plating, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87803-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [87803](#)
 Comments No Lubricant at the ContactLatches in Off-White Color
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 822348699483

Physical

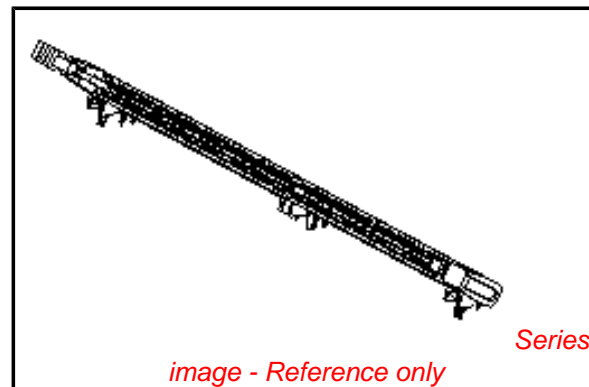
Circuits (Loaded) 240
 Color - Resin Black, Natural
 Durability (mating cycles max) 25
 Entry Angle 25° Angle
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 11.298/g
 PC Tail Length 2.79mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 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 AC (RMS)/DC
 Voltage Key 1.8V, Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
 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

China RoHS



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

[87803Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87803-001
Product Specification	PS-87803-003
S-Parameter Model	SP-87803-001
Sales Drawing	SD-87803-010

This document was generated on 05/14/2015

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