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Part Number: **0878030012**
Status: **Active**
Description: 1.00mm Pitch DDR-2 DIMM Socket, 25 Degree Angle, Through Hole, 1.8V Voltage Key, 3.18mm Tail Length, 0.38µm Gold (Au) Plating, 240 Circuits, Natural (Off White) Latch, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87803-003-001 \(PDF\)](#)
[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 Contact, No Lubricant at the Contact
 Component Type Socket
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 822350315876

Physical

Circuits (Loaded) 240
 Durability (mating cycles max) 25
 Entry Angle 25° 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 11.306/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 0.381µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -55° to +85°C
 Termination Interface: Style Through Hole

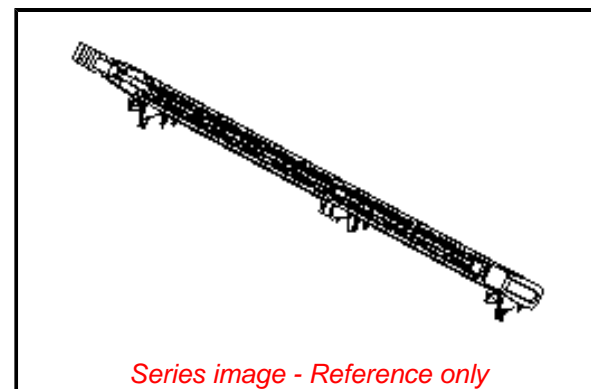
Electrical

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) 005
 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/71/2019 (16 July
 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

87803 Series

Mates With

JEDEC Standard 1.27mm Modules

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-87803-003-001

SD-87803-010

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