molex
one company > a world of innovation

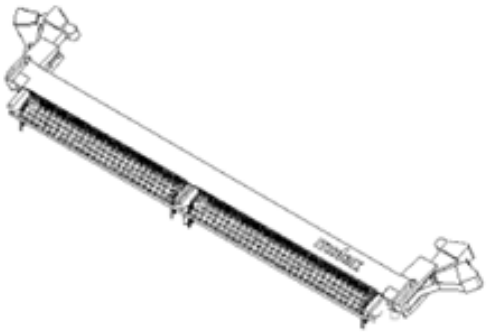
This document was generated on 09/18/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0878030152

Status: Active

Description: 1.00mm Pitch DDR2 DIMM Socket, Through Hole, 25° Angle, 0.76µm Gold (Au), 4.00mm Soldertail, 240 Circuits, Natural (Off White) Latch, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87803-003-001 (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	883906939441

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	11.194/g
PC Tail Length	4.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.762µm
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

Material Info

Reference - Drawing Numbers

Product Specification	PS-87803-003-001
Sales Drawing	SD-87803-010

EU ELV
Not Relevant

EU RoHS
Not Reviewed

China RoHS

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
87803 Series

Mates With
JEDEC Standard 1.27mm Modules

This document was generated on 09/18/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:
87803-0152