

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0878030032

Status:

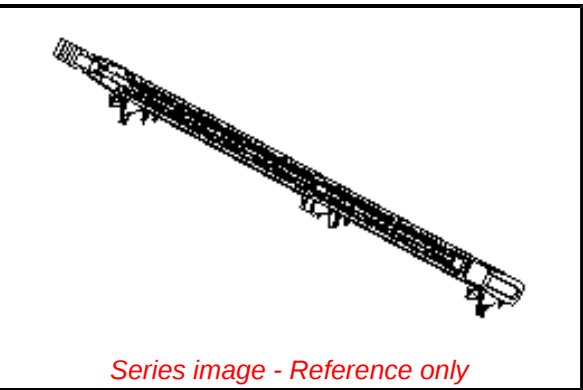
Active

Overview:

Memory Module Sockets

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



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

3D Model (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	Lubricant at the Contact	
Component Type	Socket	
JEDEC Outline	MO-237	
Overview	Memory Module Sockets	
Product Name	DDR2 DIMM	
UPC	822350416351	
Physical		
Circuits (Loaded)	240	
Circuits (maximum)	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 - Metal	Copper Alloy	
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	

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

Lead-free	Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature		002
Process Temperature max. C		260
Material Info		
Reference - Drawing Numbers		
Product Specification		PS-87803-003-001
Sales Drawing		SD-87803-010-001

This document was generated on 01/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[87803-0032](#)