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Part Number: [0877830301](#)
Status: **Active**
Overview: MiniDIMM Sockets
Description: 0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, 22.5° Angle, 0.76µm Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, 244 Circuits, 1.5V Voltage Key, Lead-Free

Documents:

3D Model	Application Specification AS-87782-001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-87783-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87783-001-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	87783
Component Type	Socket
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
UPC	883906426255

Physical

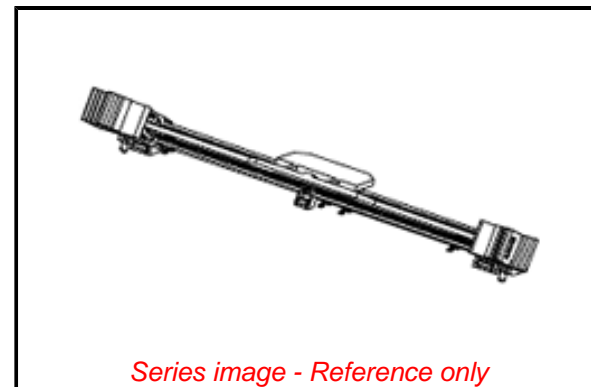
Circuits (Loaded)	244
Circuits (maximum)	244
Durability (mating cycles max)	25
Entry Angle	22.5° Angle
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.031/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	0.60mm
Pitch - Termination Interface	0.60mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Voltage Key	1.5V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87783 Series](#)

Mates With

JEDEC MO-244 Modules

Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87782-001-001
Electrical Model Document	EE-87783-001-001
Packaging Specification	PK-87783-001-001
Product Specification	PS-87783-001-001
S-Parameter Model	SP-87783-001-001
Sales Drawing	SD-87783-001-001

This document was generated on 01/07/2022

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