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Part Number: [0877822001](#)
Status: **Active**
Overview: MiniDIMM Sockets
Description: 0.60mm Pitch miniDIMM DDR2, Socket, Surface Mount, Vertical, 1.8V Voltage Key, 244 Circuits, 0.76µm Gold (Au) Plating, Off-White Latches, without Pick-and-Place Cap, Type A Tray, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-87782-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-87782-004 \(PDF\)](#)
[Product Specification PS-87782-027-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	87782
Comments	Latches in Off-White Color
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
UPC	822348683871

Physical

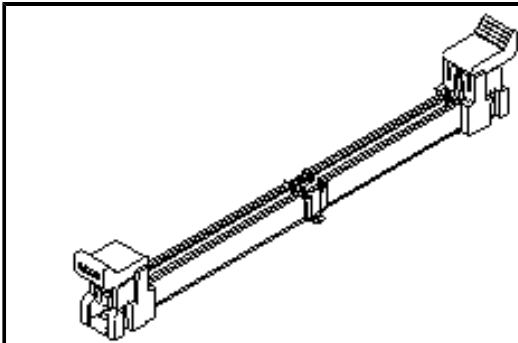
Circuits (Loaded)	244
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.945/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°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V (RMS)
Voltage Key	1.8V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[87782](#) Series

Mates With

JEDEC MO-244 Modules

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Application Specification

Electrical Model Document

Packaging Specification

Product Specification

S-Parameter Model

Sales Drawing

AS-87782-001-001

EE-87782-001, EE-87782-002, EE-87782-003,
EE-87782-007

PK-87782-004

PS-87782-027-001

SP-87782-001, SP-87782-007

SD-87782-001

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