



Part Number : [877822003](#)

Product Description : 0.60mm Pitch miniDIMM DDR2, Socket, Surface Mount, Vertical, 1.8V Voltage Key, 244 Circuits, 0.76µm Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, Type B Tray, Lead-Free

Series Number : 87782

Status : Active

Product Category : Memory Module Connectors

Documents & Resources

Drawings

[Drawing 877822003_sd.pdf](#)

[Packaging Design Drawing PK-87782-005-001.pdf](#)

3D Models and Design Files

[3D Model 877822003_stp.zip](#)

[Electrical Model Document EE-87782-001-001.pdf](#)

[Electrical Model Document EE-87782-002-001.pdf](#)

[Electrical Model Document EE-87782-003-001.pdf](#)

[Electrical Model Document EE-87782-007-001.pdf](#)

[S-Parameter Model SP-87782-001-001.zip](#)

[S-Parameter Model SP-87782-007-001.zip](#)


Specifications

[Application Specification AS-87782-001-001.pdf](#)

[Product Specification PS-87782-027-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Memory Module Connectors
Series	87782
Description	0.60mm Pitch miniDIMM DDR2, Socket, Surface Mount, Vertical, 1.8V Voltage Key, 244 Circuits, 0.76µm Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, Type B Tray, Lead-Free
Comments	With Cap
Component Type	Socket
JEDEC Outline	MO-244
Product Family	MiniDIMM Sockets
Product Name	MiniDIMM
UPC	822350015837

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	244
Circuits (maximum)	244
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
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	5.939/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
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

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
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Mates With	JEDEC MO-244 Modules
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