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Part Number: [0877823003](#)
Status: **Active**
Overview: [MiniDIMM Sockets](#)
Description: 0.60mm Pitch miniDIMM DDR3, Socket, Surface Mount, Vertical, 1.5V Voltage Key, 244 Circuits, 0.76µm Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, Type B Tray, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-87782-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-87782-005 \(PDF\)](#)
[Product Specification PS-87782-027-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

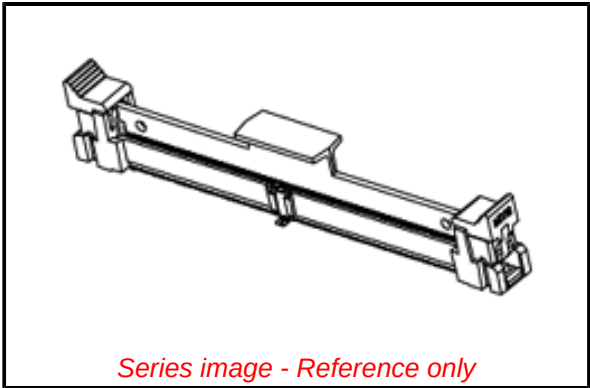
Agency Certification
CSA LR19980
UL E29179

General
Product Family Memory Module Sockets
Series [87782](#)
Comments With Cap
Component Type Socket
Electrical Model Yes
JEDEC Outline MO-244
Overview [MiniDIMM Sockets](#)
Product Name MiniDIMM
UPC 883906426217

Physical
Circuits (Loaded) 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 6.136/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 1.5V

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



EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)
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

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-87782-001, EE-87782-002, EE-87782-003, EE-87782-007
Packaging Specification	PK-87782-005
Product Specification	PS-87782-027-001
S-Parameter Model	SP-87782-001, SP-87782-007
Sales Drawing	SD-87782-001

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