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Part Number: [0780011344](#)
Status: **Active**
Overview: [MiniDIMM Sockets](#)
Description: 0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, Reverse Right Angle, with Off-White Latches, 1.5V Voltage Key, 244 Circuits, Type A Tray Packaging, Lead-Free

Documents:

3D Model	Application Specification AS-87782-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78001-002 (PDF)
Product Specification PS-78001-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	78001
Application Tooling Part Link	62100-1900
Application Tooling Part Link	62100-1950
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
UPC	883906425883

Physical

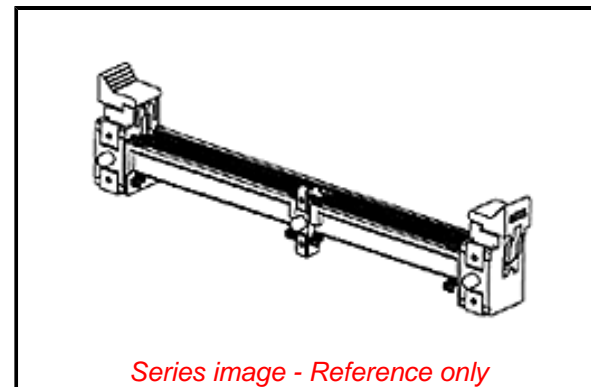
Circuits (Loaded)	244
Durability (mating cycles max)	25
Entry Angle	90° Angle (Side Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.166/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating 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
Voltage Key	1.5V

Solder Process Data

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



EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

[78001 Series](#)

Mates With

[JEDEC MO-258 Modules](#)

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87782-001-001
Electrical Model Document	EE-78001-001
Packaging Specification	PK-78001-002
Product Specification	PS-78001-001-001
S-Parameter Model	SP-78001-001
Sales Drawing	SD-78001-003

This document was generated on 07/11/2018

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