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Part Number: **0879180301**
Status: **Active**
Overview: MiniDIMM Sockets
Description: 0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, Right Angle, 1.5V Key, 244 Circuits, Natural (Off White) Latch, Lead-Free

Documents:

3D Model	Application Specification AS-87782-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-87918-002 (PDF)
Product Specification PS-87918-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	87918
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	883906425876

Physical

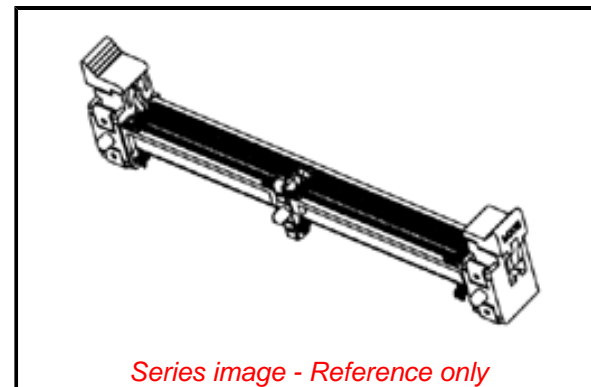
Circuits (Loaded)	244
Durability (mating cycles max)	25
Entry Angle	90° Angle (Side Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.880/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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)	010
Lead-free Process Capability	SMC&WAVE



Series image - Reference only

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

87918 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-87918-001, EE-87918-003
Packaging Specification	PK-87918-002
Product Specification	PS-87918-001-001
S-Parameter Model	SP-87918-001, SP-87918-003
Sales Drawing	SD-87918-001
Signal Integrity Report	RSI-87918-001

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