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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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-87782-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-87918-002 (PDF)</a>
<a href="#">Product Specification PS-87918-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	62100-1900
Application Tooling Part Link	62100-1950

**General**

Product Family	Memory Module Sockets
Series	87918
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-244
Overview	<a href="#">MiniDIMM Sockets</a>
Product Name	MiniDIMM
UPC	883906425876

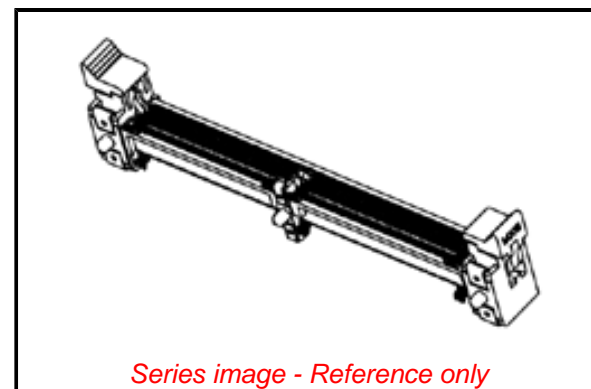
**Physical**

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° 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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

87918 Series

**Mates With**

JEDEC MO-244 Modules

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
MiniDIMM Memory Card Extraction Tool	<a href="#">621001900</a>
MiniDIMM Memory Card Insertion Tool	<a href="#">621001950</a>

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
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

This document was generated on 06/04/2019

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