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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-87918-002-001 (PDF)
Product Specification PS-87918-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

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

General

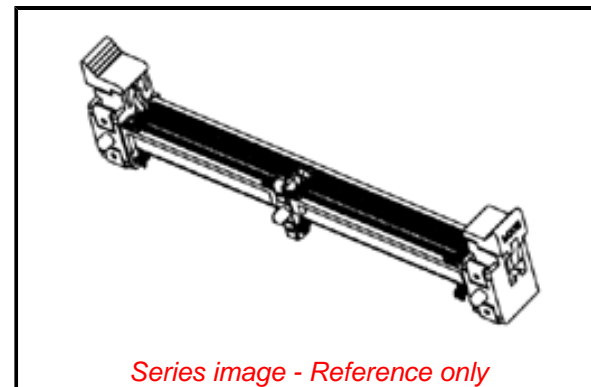
Product Family	Memory Module Sockets
Series	87918
Component Type	Socket
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
Taxonomy	Memory Module Connectors
UPC	883906425876

Physical

Circuits (Loaded)	244
Circuits (maximum)	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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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	621001900
MiniDIMM Memory Card Insertion Tool	621001950

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process 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-87918-001-001, EE-87918-003-001
Packaging Specification	PK-87918-002-001
Product Specification	PS-87918-001-001
S-Parameter Model	SP-87918-001-001, SP-87918-003-001
Sales Drawing	SD-87918-001-001

This document was generated on 08/26/2022

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