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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)

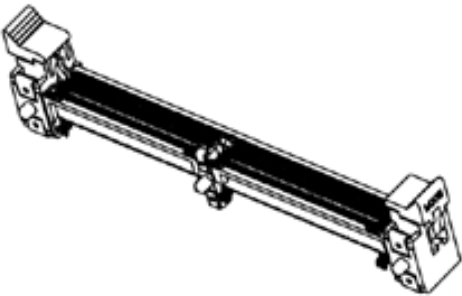
RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
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	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° 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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit <a href="#">Contact US</a>	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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	621001900
Card Extraction Tool	
MiniDIMM Memory	621001950
Card Insertion Tool	

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

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