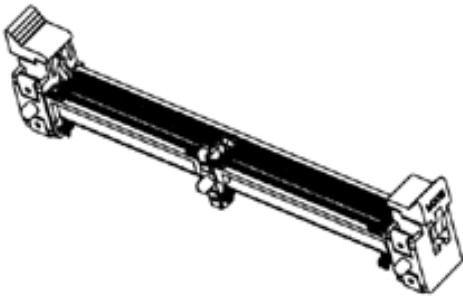


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Part Number: [0879180001](#)
Status: **Active**
Overview: [miniDIMM](#)
Description: 0.60mm Pitch miniDIMM DDR2 Socket, Surface Mount, Right Angle, 1.8V Key, 244 Circuits, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87918-001 \(PDF\)](#)
[Application Specification AS-87782-001 \(PDF\)](#)
[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
Comments	Latches in Off-White Color
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-244
Overview	miniDIMM
Product Name	MiniDIMM
UPC	822350015899
Physical	
Circuits (Loaded)	244
Color - Resin	Black, Natural
Durability (mating cycles max)	25
Entry Angle	90° Angle (Side Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.152/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	1.8V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Contains SVHC(2014 December 17): No 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
China ROHS ELV	Green Image Not Relevant

Search Parts in this Series
[87918](#) Series

Mates With
JEDEC MO-244 Modules

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
MiniDIMM Memory	0621001900
Card Extraction Tool	
MiniDIMM Memory	0621001950
Card Insertion Tool	

Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87782-001
Electrical Model Document	EE-87918-001, EE-87918-003
Product Specification	PS-87918-001
S-Parameter Model	SP-87918-001, SP-87918-003
Sales Drawing	SD-87918-001

This document was generated on 06/29/2015

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