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Part Number: [87918-0301](#)
Status: **Active**
Description: 0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, Right Angle, 1.5V Key, 244 Circuits, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-87782-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87918-001 \(PDF\)](#)

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
 Product Name MiniDIMM
 UPC 883906425876

Physical

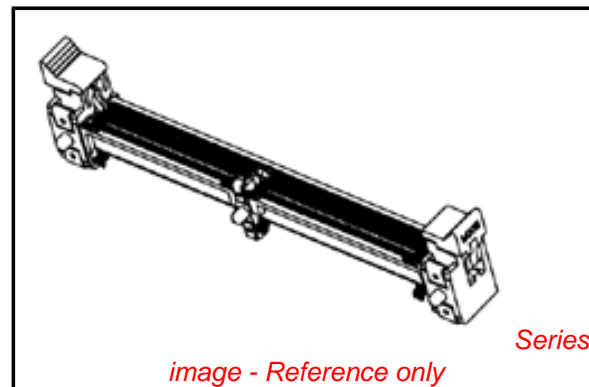
Circuits (Loaded) 244
 Color - Resin Black, Natural
 Durability (mating cycles max) 25
 Entry Angle 90° Angle (Side Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 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 1A
 Voltage - Maximum 30V
 Voltage Key 1.5V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
 Lead-free Process Capability SMC & Wave Capable (TH only)
 Max. Cycles at Max. Process Temperature 2



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87918Series](#)

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	0621001900
Card Extraction Tool	
MiniDIMM Memory	0621001950
Card Insertion Tool	

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

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