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**Part Number:** [0879180202](#)  
**Status:** **Active**  
**Overview:** MiniDIMM Sockets  
**Description:** 0.60mm Pitch miniDIMM DDR Socket, Surface Mount, Right Angle, 2.5V Key, 200 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 62100-1950  
 Comments <LI>Latches in Off-White Color  
 Component Type Socket  
 Electrical Model Yes  
 JEDEC Outline MO-258  
 Overview [MiniDIMM Sockets](#)  
 Product Name MiniDIMM  
 UPC 822350071765

**Physical**

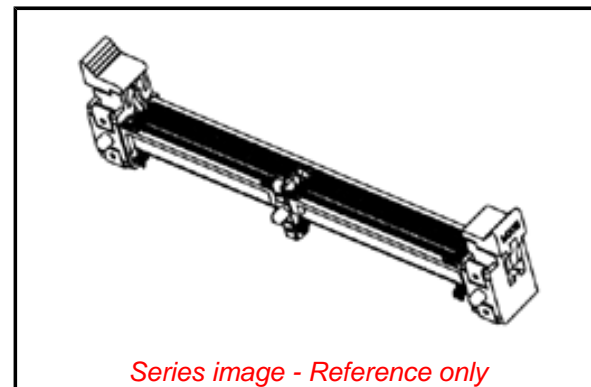
Circuits (Loaded) 200  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 25  
 Entry Angle 90° Angle (Side Entry)  
 Flammability 94V-0  
 Keying to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 8.991/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 2.5V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
 Lead-free Process Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Yes -ED/39/2015 (15 June 2015)  
 Acetamide, N-methyl-dinoseb (ISO)  
 Imidazolidine-2-thione furan  
 C,C'-azodi(formamide)  
 tricosafuorododecanoic acid  
 heptacosafuorotetradecanoic acid  
 methoxyacetic acid  
 1,2-diethoxyethane  
 hencosafluoroundecanoic acid  
 sodium  
 peroxometaborate  
 pentacosafuorotridecanoic acid  
 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi  
 Disodium tetraborate  
 Boric acid  
 Trixylyl phosphate  
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
 Methylhexahydrophthalic anhydride  
 Sodium perborate; perboric acid, sodium salt  
 propylene oxide  
 Silicic acid (H2Si2O5), barium salt (1:1), lead-Trichloroethylene

**China RoHS**

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

1,2,3-  
Trichloropropane  
1,2-dichloroethane  
1-bromopropane  
Dibutyltin-dichloride  
4,4'-  
Methylenedianiline  
Tris(2-chloroethyl)  
phosphate  
Boric acid, disodium  
salt, hydrate  
formamide  
4,4'-  
bis(dimethylamino)benzophenone  
N,N,N',N'-  
tetramethyl-4,4'-  
methylenedianiline  
1,2-bis(2-  
methoxyethoxy)ethane  
[4-[4,4'-  
Bis(dimethylamino)benzhydrylidene]cyclo  
4,4'-  
bis(dimethylamino)-4''-  
(methylamino)trityl  
Diboron-trioxide  
[4-[[4-Anilino-1-  
naphthyl]]4-  
(dimethylamino)phen  
#,#-Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)  
diethyl sulphate

### Halogen-Free

### Status

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

### Search Parts in this Series

[87918 Series](#)

### Mates With

JEDEC MO-258 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	<a href="#">0621001950</a>
Card Insertion Tool	

This document was generated on 12/10/2015

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