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**Part Number:** **0879180001**  
**Status:** **Active**  
**Overview:** MiniDIMM Sockets  
**Description:** 0.60mm Pitch miniDIMM DDR2 Socket, Surface Mount, Right-Angle, 1.8V Key, 244 Circuits, Natural (Off White) Latch, Lead-Free

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-87782-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-87918-002 (PDF)</a>       |
| <a href="#">Product Specification PS-87918-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**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         | <a href="#">MiniDIMM Sockets</a> |
| Product Name     | MiniDIMM                         |
| UPC              | 822350015899                     |

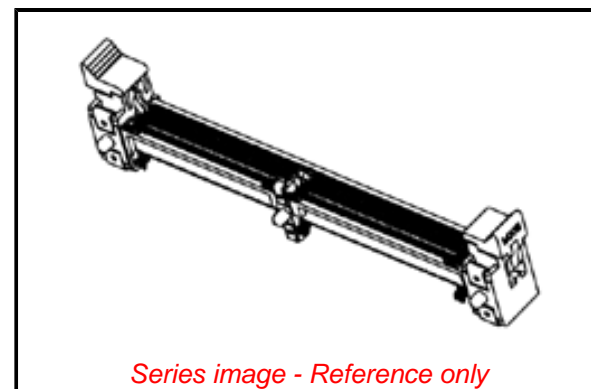
**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| 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                     | 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° 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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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 | <a href="#">621001900</a> |
| MiniDIMM Memory Card Insertion Tool  | <a href="#">621001950</a> |

|  |          |
|--|----------|
| 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               |

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