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Part Number:

0879180202

Status:

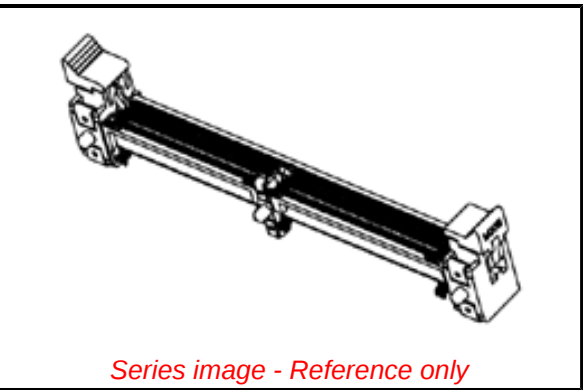
Active

Overview:

MiniDIMM Sockets

Description:

0.60mm Pitch miniDIMM DDR Socket, Surface Mount, Right-Angle, 2.5V Key, 200 Circuits, Natural (Off White) Latch, Lead-Free



|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Documents:                                   |                                                  |
| 3D Model                                     | Application Specification AS-87782-001-001 (PDF) |
| Drawing (PDF)                                | Packaging Specification PK-87918-001-001 (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  | 62100-1950                     |
| General                        |                                |
| Product Family                 | Memory Module Sockets          |
| Series                         | 87918                          |
| Component Type                 | Socket                         |
| JEDEC Outline                  | MO-258                         |
| Overview                       | MiniDIMM Sockets               |
| Product Name                   | MiniDIMM                       |
| Taxonomy                       | Memory Module Connectors       |
| UPC                            | 822350071765                   |
| Physical                       |                                |
| Circuits (Loaded)              | 200                            |
| Circuits (maximum)             | 200                            |
| 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                     | 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° 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            |                                |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| 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-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     | 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-87918-001-001, EE-87918-003-001 |
| Packaging Specification   | PK-87918-001-001                   |
| Product Specification     | PS-87918-001-001                   |
| S-Parameter Model         | SP-87918-001-001, SP-87918-003-001 |
| Sales Drawing             | SD-87918-001-001                   |

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