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Part Number:

0783590001

Status:

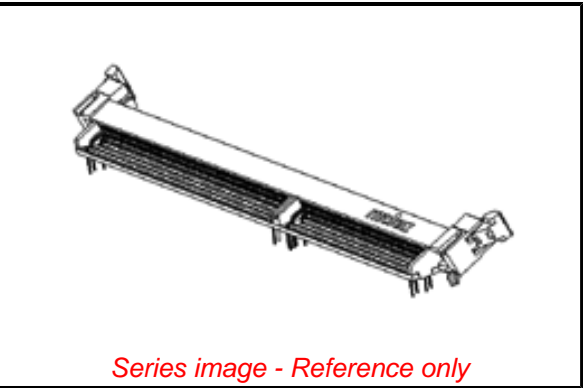
Active

Overview:

DDR3 DIMM Sockets

Description:

1.00mm Pitch DDR3 DIMM Socket, Very Low Profile, 25° Angle, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 2.79mm Solder Tail Length, 1.57mm PCB Thickness, 1.5V Center Voltage Key,



|                |  |
|----------------|--|
| Documents:     |  |
| 3D Model       | Product Specification PS-78359-001-001 (PDF) |
| Drawing (PDF)  | RoHS Certificate of Compliance (PDF)         |
| 3D Model (PDF) |  |

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| Application tooling part link  |                                |
| Application Tooling Part Link  | 62100-1960                     |
| General                        |                                |
| Product Family                 | Memory Module Sockets          |
| Series                         | 78359                          |
| Component Type                 | Socket                         |
| JEDEC Outline                  | MO-269                         |
| Overview                       | DDR3 DIMM Sockets              |
| Product Name                   | DDR3 DIMM                      |
| UPC                            | 883906305840                   |
| Physical                       |                                |
| Circuits (Loaded)              | 240                            |
| Circuits (maximum)             | 240                            |
| Durability (mating cycles max) | 25                             |
| Entry Angle                    | 25° Angle                      |
| Flammability                   | 94V-0                          |
| Housing Color                  | Black                          |
| Keying to Mating Part          | Yes                            |
| Latch Color                    | Black                          |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 10.859/g                       |
| PC Tail Length                 | 2.79mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.57mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 1.00mm                         |
| Pitch - Termination Interface  | 1.00mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 2.540µm                        |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface: Style   | Through Hole                   |
| Electrical                     |                                |
| Current - Maximum per Contact  | 1.0A                           |
| Voltage - Maximum              | 30V AC (RMS)/DC                |
| Voltage Key                    | Center                         |

|   |               |
|---|---------------|
| EU ELV  |               |
| Not Relevant  |               |
| EU RoHS   | China RoHS    |
| Compliant   |               |
| REACH SVHC  |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| 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

78359 Series

Mates With

JEDEC Standard 1.27mm Modules

**Solder Process Data**

|  |          |
|--|----------|
| 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**

|                           |                  |
|---------------------------|------------------|
| Electrical Model Document | EE-78359-001-001 |
| Product Specification     | PS-78359-001-001 |
| S-Parameter Model         | SP-78359-001-001 |
| Sales Drawing             | SD-78359-001-001 |

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