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**Part Number:** [0785565001](#)  
**Status:** **Active**  
**Overview:** [DDR3 DIMM Sockets](#)  
**Description:** 1.00mm Pitch Aerodynamic DDR3 DIMM Socket, Low Profile, Vertical, Press-Fit, Black Housing and Latches, 0.76µm Gold (Au) Plating, 3.00mm PCB Thickness, 240 Circuits, Lead-Free

**Documents:**

|                                                                  |                                                                  |
|------------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Application Specification AS-78556-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-78556-001-001 (PDF)</a>     | <a href="#">Test Summary TS-78556-001-001 (PDF)</a>              |
| <a href="#">Application Specification AS-78315-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                   |
|----------------|-----------------------------------|
| Product Family | Memory Module Sockets             |
| Series         | <a href="#">78556</a>             |
| Component Type | Socket                            |
| JEDEC Outline  | SO-012                            |
| Overview       | <a href="#">DDR3 DIMM Sockets</a> |
| Product Name   | DDR3 DIMM                         |
| UPC            | 884982636422                      |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Circuits (Loaded)              | 240                          |
| Circuits (maximum)             | 240                          |
| Durability (mating cycles max) | 25                           |
| Entry Angle                    | Vertical                     |
| 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               | Nylon                        |
| Net Weight                     | 8.001/g                      |
| PC Tail Length                 | 2.40mm, 2.60mm               |
| PCB Locator                    | Yes                          |
| PCB Retention                  | Yes                          |
| PCB Thickness - Recommended    | 3.00mm                       |
| Packaging Type                 | Tray                         |
| Pitch - Mating Interface       | 1.00mm                       |
| Pitch - Termination Interface  | 1.00mm                       |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 0.381µm                      |
| Temperature Range - Operating  | -55° to +85°C                |
| Termination Interface: Style   | Through Hole - Compliant Pin |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A            |
| Voltage - Maximum             | 30V AC (RMS)/DC |
| Voltage Key                   | Center          |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[78556](#) Series

**Mates With**

JEDEC Standard 1.27mm Modules

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Application Specification | AS-78315-001-001, AS-78556-001-001                                        |
| Electrical Model Document | EE-78556-001-001, EE-78556-002-001,<br>EE-78556-003-001, EE-78556-004-001 |
| Product Specification     | PS-78556-001-001                                                          |
| S-Parameter Model         | SP-78556-001-001, SP-78556-002-001,<br>SP-78556-003-001, SP-78556-004-001 |
| Signal Integrity Report   | SI-78556-001-001                                                          |
| Test Summary              | TS-78556-001-001                                                          |

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