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Part Number:

0785881552

Status:

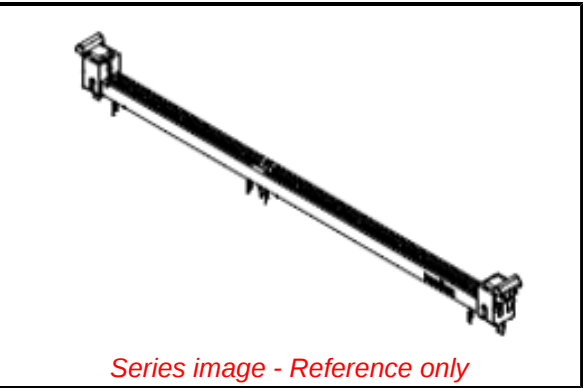
Active

Overview:

DDR3 DIMM Sockets

Description:

1.00mm Pitch DIMM DDR3 Socket, Ultra Low Profile, Through Hole, Vertical, Black with Natural Latches, 1.5V Voltage Key, 240 Circuits, 0.381mm Gold (Au) Plating, Lead-Free



|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-78588-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-78588-002 (PDF)</a>       |
| <a href="#">Product Specification PS-78588-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                                |  |                                |
|------------------------------------------------|--|--------------------------------|
| Agency Certification                           |  |                                |
| CSA                                            |  | LR19980                        |
| UL                                             |  | E29179                         |
| General                                        |  |                                |
| Product Family                                 |  | Memory Module Sockets          |
| Series                                         |  | 78588                          |
| Component Type                                 |  | Socket                         |
| Electrical Model                               |  | Yes                            |
| JEDEC Outline                                  |  | PS-001                         |
| Overview                                       |  | DDR3 DIMM Sockets              |
| Product Name                                   |  | DDR3 DIMM                      |
| UPC                                            |  | 884982781122                   |
| 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                                    |  | Natural (Off-White)            |
| Material - Metal                               |  | Copper Alloy                   |
| Material - Plating Mating                      |  | Gold                           |
| Material - Plating Termination                 |  | Matte Tin, Nickel              |
| Material - Resin                               |  | High Temperature Thermoplastic |
| Net Weight                                     |  | 5.385/g                        |
| PC Tail Length                                 |  | 3.18mm                         |
| PCB Retention                                  |  | Yes                            |
| PCB Thickness - Recommended                    |  | 2.36mm                         |
| Packaging Type                                 |  | Tray                           |
| Pitch - Mating Interface                       |  | 1.00mm                         |
| Plating min - Mating                           |  | 0.381µm                        |
| Temperature Range - Operating                  |  | -55° to +85°C                  |
| Termination Interface: Style                   |  | Through Hole                   |
| Electrical                                     |  |                                |
| Current - Maximum per Contact                  |  | 1.0A                           |
| Voltage - Maximum                              |  | 29V AC (RMS)/DC                |
| Voltage Key                                    |  | Center                         |
| Solder Process Data                            |  |                                |
| Duration at Max. Process Temperature (seconds) |  | 005                            |
| Lead-freeProcess Capability                    |  | SMC&WAVE                       |
| Max. Cycles at Max. Process Temperature        |  | 002                            |

|                                                                                               |               |
|-----------------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                                        |               |
| Not Relevant                                                                                  |               |
| EU RoHS                                                                                       | China RoHS    |
| Compliant                                                                                     |               |
| REACH SVHC                                                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                                                 |               |
| Halogen-Free                                                                                  |               |
| Status                                                                                        |               |
| Low-Halogen                                                                                   |               |
| Need more information on product environmental compliance?                                    |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a>            |               |
| Please visit the <a href="#">Contact Us</a> section for any non-product compliance questions. |               |
| China ROHS                                                                                    | Green Image   |
| ELV                                                                                           | Not Relevant  |
| RoHS Phthalates                                                                               | Not Contained |

Search Parts in this Series

78588 Series

Mates With

JEDEC Standard 1.27mm Modules

|                                    |                  |
|------------------------------------|------------------|
| Process Temperature max. C         | 260              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Application Specification          | AS-78588-001-001 |
| Electrical Model Document          | EE-78588-001     |
| Packaging Specification            | PK-78588-002     |
| Product Specification              | PS-78588-001-001 |
| S-Parameter Model                  | SP-78588-001     |
| Sales Drawing                      | SD-78588-002     |

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