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Part Number:

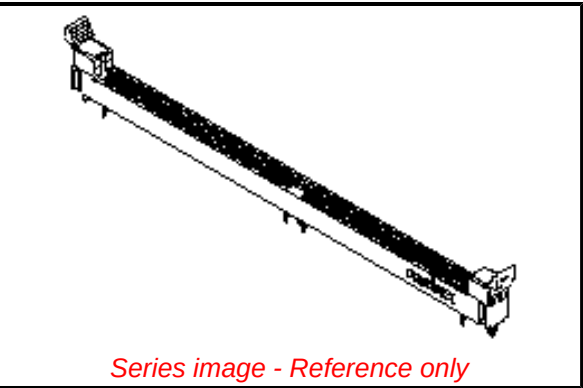
0879781021

Status:

Active

Description:

1.00mm Pitch DDR-2 DIMM Socket, Vertical, with Beveled Metal Pins, Very Low Profile Black Latches, 240 Circuits, 1.8V Center Voltage Key, 3.18mm Tail Length, 0.38µm Gold (Au) Plating, Lead-Free



Series image - Reference only

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| Documents:                    |                                                              |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-87978-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Agency Certification                           |                                |
| CSA                                            | LR19980                        |
| UL                                             | E29179                         |
| General                                        |                                |
| Product Family                                 | Memory Module Sockets          |
| Series                                         | 87978                          |
| Component Type                                 | Socket                         |
| JEDEC Outline                                  | N/A                            |
| Product Name                                   | DDR2 DIMM                      |
| UPC                                            | 822350307147                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 240                            |
| Durability (mating cycles max)                 | 25                             |
| Entry Angle                                    | Vertical (Top Entry)           |
| Flammability                                   | 94V-0                          |
| Housing Color                                  | Black                          |
| Keying to Mating Part                          | Yes                            |
| Latch Color                                    | Black                          |
| Material - Metal                               | Brass, Phosphor Bronze         |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 9.330/g                        |
| PC Tail Length                                 | 3.18mm                         |
| PCB Retention                                  | Yes                            |
| PCB Thickness - Recommended                    | 2.40mm                         |
| Packaging Type                                 | Tray                           |
| Pitch - Mating Interface                       | 1.00mm                         |
| Plating min - Mating                           | 0.381µm                        |
| Plating min - Termination                      | 2.540µm                        |
| Temperature Range - Operating                  | -10°C to +85°C                 |
| Termination Interface: Style                   | Through Hole                   |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 0.5A                           |
| Voltage - Maximum                              | 30V                            |
| Voltage Key                                    | 1.8V, Center                   |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | WAVE                           |
| Max. Cycles at Max. Process Temperature        | 001                            |
| Process Temperature max. C                     | 265                            |

Material Info

|                                                                                               |               |
|-----------------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                                        |               |
| Not Relevant                                                                                  |               |
| EU RoHS                                                                                       | China RoHS    |
| Compliant                                                                                     |               |
| REACH SVHC                                                                                    |               |
| Not Contained Per - ED/30/2017 (7 July 2017)                                                  |               |
| Halogen-Free                                                                                  |               |
| Status                                                                                        |               |
| Not 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

87978 Series

Mates With

JEDEC Standard 1.27mm Modules

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-87978-001-001  
SD-87978-001

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