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Part Number:

0877056457

Status:

Active - Custom

Description:

1.00mm (.039") Pitch DDR-II DIMM 240 Circuits Socket, Vertical, 1.8 Voltage, 2.54mm (.100") Tail Length, Black Latches, Nylon 4/6 Glass-filled, Black Housing, 0.76µm (30µ") Gold (Au), Beveled Metal Pins Width 3.00mm (.118")

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

|                                        |                                                                                                       |
|----------------------------------------|-------------------------------------------------------------------------------------------------------|
| General                                |                                                                                                       |
| Product Family                         | Memory Module Sockets                                                                                 |
| Series                                 | 87705                                                                                                 |
| Comments                               | <LI>Black Latches <LI>Insertion Force: 10Kg (98N)<br>Max. <LI>Beveled Metal Pin Width: 3.00mm (.118") |
| Component Type                         | Socket                                                                                                |
| JEDEC Outline                          | MO-237                                                                                                |
| Product Name                           | DDR2 DIMM                                                                                             |
| Physical                               |                                                                                                       |
| Circuits (Loaded)                      | 240                                                                                                   |
| Durability (mating cycles max)         | 25                                                                                                    |
| Entry Angle                            | Vertical (Top Entry)                                                                                  |
| Keying to Mating Part                  | Yes                                                                                                   |
| Material - Plating Mating              | Gold                                                                                                  |
| PC Tail Length                         | 2.54mm (.100")                                                                                        |
| PCB Retention                          | Yes                                                                                                   |
| PCB Thickness - Recommended            | 1.60mm (.063")                                                                                        |
| Packaging Type                         | Tray                                                                                                  |
| Pitch - Mating Interface               | 1.00mm (.039")                                                                                        |
| Plating min - Mating                   | 0.762µm (30µ")                                                                                        |
| 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                    |                                                                                                       |
| Replacement RoHS Compliant Part Number | 0877057457                                                                                            |
| Material Info                          |                                                                                                       |

EU RoHS

China RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87705Series

Mates With

JEDEC standard 1.27mm modules

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