

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0877057055

Status:

Active - Custom

Description:

1.00mm (.039") Pitch DDR-II DIMM 240 Circuits Socket, Vertical, 1.8 Voltage, 3.00mm (.118") Tail Length, Black Latches, Nylon 6/6 Glass-filled, Black Housing, 0.38µm (15µ") Gold (Au), Beveled Metal Pins Width 3.00mm (.118"), Lead Free

|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Documents:                               |                                      |
| 3D Model                                 | Test Summary TS-87705-801 (PDF)      |
| Drawing (PDF)                            | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-87705-801 (PDF) |                                      |

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                       |
| CSA                            | LR19980                                                                                               |
| UL                             | E29179                                                                                                |
| 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)                                                                                  |
| Flammability                   | 94V-0                                                                                                 |
| Keying to Mating Part          | Yes                                                                                                   |
| Material - Plating Mating      | Gold                                                                                                  |
| PC Tail Length                 | 3.00mm (.118")                                                                                        |
| PCB Retention                  | Yes                                                                                                   |
| PCB Thickness - Recommended    | 2.40mm (.094")                                                                                        |
| Packaging Type                 | Tray                                                                                                  |
| Pitch - Mating Interface       | 1.00mm (.039")                                                                                        |
| Plating min - Mating           | 0.381µm (15µ")                                                                                        |
| 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            |                                                                                                       |
| Lead-free Process Capability   | Wave Capable (TH only)                                                                                |
| Process Temperature max. C     | 260                                                                                                   |
| Material Info                  |                                                                                                       |
| Reference - Drawing Numbers    |                                                                                                       |
| Product Specification          | PS-87705-801                                                                                          |
| Sales Drawing                  | SD-87705-801                                                                                          |
| Test Summary                   | TS-87705-801                                                                                          |

EU RoHS

ELV and RoHS  
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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

This document was generated on 03/14/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**