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**Part Number:** **0783730001**  
**Status:** **Active**  
**Overview:** DDR3 DIMM Sockets  
**Description:** 1.00mm Pitch DDR3 DIMM Socket, 25° Angle, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 2.79mm Solder Tail Length, 1.57mm PCB Thickness, 1.5V Center Voltage Key, 240 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-78373-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series 78373  
 Component Type Socket  
 Electrical Model Yes  
 JEDEC Outline MO-269  
 Overview DDR3 DIMM Sockets  
 Product Name DDR3 DIMM  
 UPC 883906206697

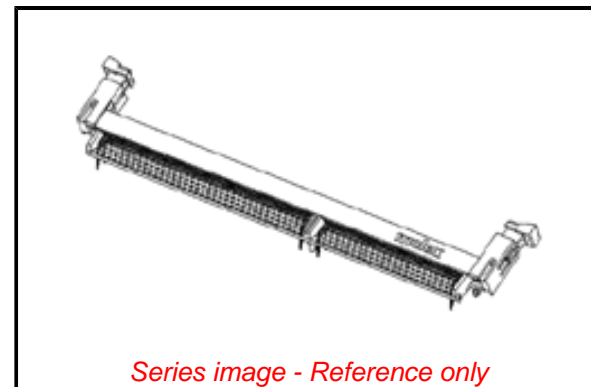
**Physical**

Circuits (Loaded) 240  
 Circuits (maximum) 240  
 Durability (mating cycles max) 25  
 Entry Angle 25° Angle  
 Flammability 94V-0  
 Function Key None  
 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 High Temperature Thermoplastic  
 Net Weight 11.547/g  
 PC Tail Length 2.79mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Pitch - Termination Interface 1.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU 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 [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

78373 Series

**Mates With**

JEDEC Standard 1.27mm Modules

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document	EE-78373-001, EE-78373-002
Product Specification	PS-78373-001-001
S-Parameter Model	SP-78373-001, SP-78373-002
Sales Drawing	SD-78373-001

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