

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0878030112](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR-2 DIMM Socket, 25 Degree Angle, Through Hole, 1.8V Voltage Key, 3.18mm Tail Length, 0.76µm Gold (Au) Plating, 240 Circuits, Natural (Off White) Latch, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87803-003-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87803](#)  
 Comments No Lubricant at the Contact, No Lubricant at the Contact  
 Component Type Socket  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM  
 UPC 822348721092

**Physical**

Circuits (Loaded) 240  
 Durability (mating cycles max) 25  
 Entry Angle 25° Angle  
 Flammability 94V-0  
 Housing Color Black  
 Keying to Mating Part Yes  
 Latch Color Natural (Off-White)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 11.306/g  
 PC Tail Length 3.18mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Temperature Range - Operating -55° to +85°C  
 Termination Interface: Style Through Hole

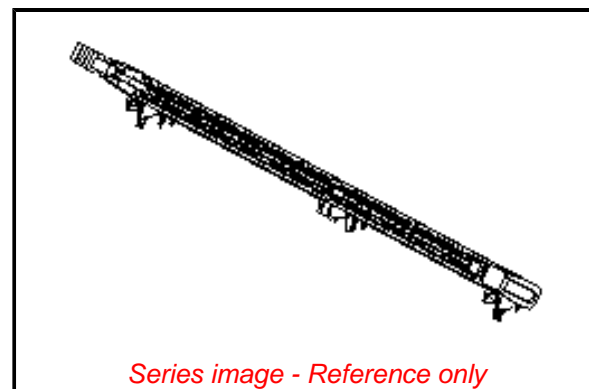
**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 30V AC (RMS)/DC  
 Voltage Key 1.8V, Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
 Lead-free Process Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 002  
 Process Temperature max. C 260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[87803 Series](#)

**Mates With**

JEDEC Standard 1.27mm Modules

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-87803-003-001

SD-87803-010

This document was generated on 08/20/2019

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DIMM Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[1-1932649-2](#) [1-1761024-0](#) [2309411-5](#) [10116658-252ASLF](#) [5390471-1](#) [2309413-3](#) [78507-0061](#) [KIT-SODIMM-1X16GB/01](#) [10129206-0010013LF](#) [10086891-052TSLF](#) [10079192-11102LF](#) [10116658-152FSLF](#) [10129206-0011113LF](#) [1-2308107-0](#) [2013310-1](#) [2013289-1](#) [390111-1](#) [390112-1](#) [2309413-1](#) [2309407-1](#) [2309414-1](#) [10081530-12208LF](#) [151080-0001](#) [78726-1004](#) [10005639-11107LF](#) [10005639-11109LF](#) [10005639-12207LF](#) [10023061-10207LF](#) [10033853-252FSLF](#) [10033853-052ASLF](#) [10033853-052FSLF](#) [10033853-152FSLF](#) [10033854-052FSLF](#) [10034542-10002LF](#) [10037402-12207LF](#) [10081530-11107LF](#) [10081530-12207LF](#) [10081530-12218LF](#) [10124632-0030001LF](#) [10124806-01006LF](#) [10145891-0320J13LF](#) [10145226-0241N13LF](#) [59354-052FSLF](#) [59355-052FSLF](#) [DDR4288S0211TF](#) [DDR4288S0511H](#) [DDR4288S0511TF](#) [DDR4288V0123TF](#) [DDR4288V0213TF](#) [DDR502112001K](#)