

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0877051053](#)
Status: **Active**
Description: 1.00mm Pitch DDR-II DIMM Socket, Vertical, Center Keys, 3.66mm Tail Length, Beige Latches, with Beveled Metal Pins, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87705-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [87705](#)
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 822348840175

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 Beige
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 10.205/g
 PC Tail Length 3.66mm
 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° to +85°C
 Termination Interface: Style Through Hole

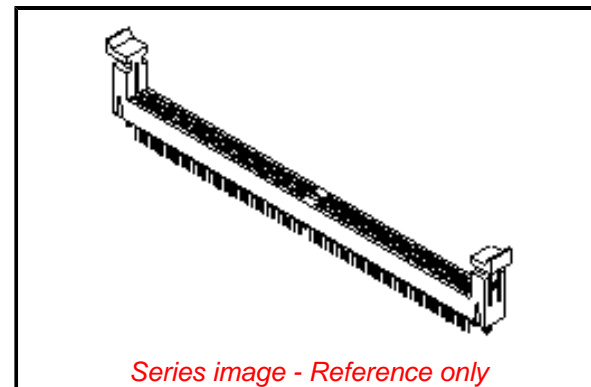
Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 30V
 Voltage Key 1.8V, Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 260

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email 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

[87705 Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Reference - Drawing Numbers

Electrical Model Document

Product Specification

S-Parameter Model

Sales Drawing

EE-87705-001

PS-87705-002-001

SP-87705-001

SD-87705-001

This document was generated on 08/14/2018

PLEASE CHECK 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](#) [1932180-2](#) [0783590111](#) [0783590001](#) [0877051053](#) [10079248-11103LF](#) [10086891-052TSLF](#)
[10116658-252ASLF](#) [59355-052FSLF](#) [5390471-1](#) [10074146-13211LF](#) [10079248-10202LF](#) [2309407-3](#) [10033853-052ASLF](#) [87782-6003](#) [KIT-](#)
[SODIMM-1X16GB/01](#) [0780350001](#) [0878030012](#) [75.963AT.G020C](#) [78.B1GDE.AF1](#) [10078239-11103LF](#) [6-390322-1](#) [2013311-1](#) [2309410-1](#)
[10116658-052FSLF](#) [10116658-152FSLF](#) [1-1735438-3](#) [78730-1002](#) [78726-1002](#) [2013310-1](#) [390111-1](#) [1735438-3](#) [78373-0011](#) [2308107-1](#) [2-](#)
[2308107-1](#) [2309411-1](#) [5-1746530-4](#) [2309408-1](#) [2309409-1](#) [2309412-1](#) [151134-0001](#) [2309413-1](#) [296406200001856+](#) [2309407-1](#) [FCN-](#)
[074J240-G/1D](#) [FCN-074B288-G/2D](#) [2309414-1](#) [10081530-12208LF](#)