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**Part Number:** [0877465391](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch DDR-II DIMM Socket, Vertical, Press-fit, 1.8V Center Keys, 3.30mm Tail Length, Black Housing, Clear Latches, 240 Circuits, 0.76µm Selective Gold (Au) Plating, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-87746-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87746-002-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [87746](#)  
 Comments Lubricant at the Contact, Lubricant at the Contact  
 Component Type Socket  
 Electrical Model Yes  
 JEDEC Outline MO-237  
 Product Name DDR2 DIMM  
 UPC 822350062916

**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 Clear  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic, Polysulfone  
 Net Weight 10.327g  
 PC Tail Length 3.30mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 3.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 0.381µm  
 Temperature Range - Operating -55° to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

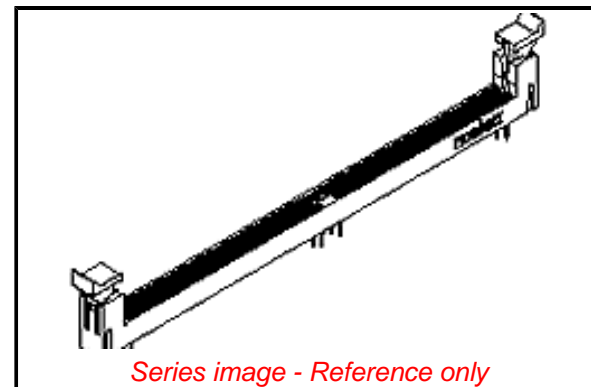
**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**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**

[87746 Series](#)

**Mates With**

JEDEC Standard 1.27mm Modules

**Reference - Drawing Numbers**

Application Specification	AS-87746-001-001
Electrical Model Document	EE-87746-002
Product Specification	PS-87746-002-001
S-Parameter Model	SP-87746-002
Sales Drawing	SD-87746-001

This document was generated on 09/18/2019

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