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Part Number: [87966-0001](#)
Status: **Active**
Description: 1.00mm Pitch DDR2 DIMM Socket, Vertical, Surface Mount, Center Keys, Black Latches, with Beveled Metal Pins, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-87966-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87966-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Memory Module Sockets
 Series [87966](#)
 Comments Latches in Black Color
 Component Type Memory Module
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 822350376457

Physical

Circuits (Loaded) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 8.490/g
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -10°C to +85°C
 Termination Interface: Style Surface Mount

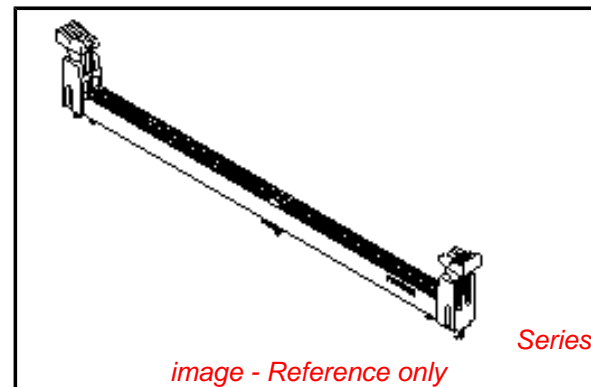
Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 30V
 Voltage Key 1.8V, Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 3
 Lead-free Process Capability Reflow Capable (SMT only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 250

Material Info



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[87966Series](#)

Mates With

[JEDEC MO-237 modules](#)

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Product Specification
Sales Drawing

AS-87966-001
EE-87966-001, EE-87966-002
PS-87966-001, RPS-87966-001
SD-87966-002

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