

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87978-0021](#)
Status: **Active**
Description: 1.00mm Pitch DDR-2 DIMM Socket, Vertical, with Beveled Metal Pins, Very Low Profile Black Latches, 240 Circuits, 1.8V Center Voltage Key, 2.67mm Tail Length, 0.38µm Gold (Au) Plating, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87978-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [87978](#)
 Comments Latches in Black Color
 Component Type Memory Module
 JEDEC Outline N/A
 Product Name DDR2 DIMM
 UPC 822350307130

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 9.270/g
 PC Tail Length 2.67mm
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -10°C to +85°C
 Termination Interface: Style Through Hole

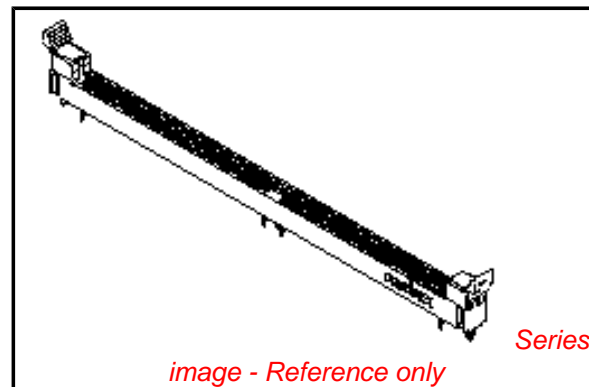
Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
 Lead-free Process Capability Wave Capable (TH only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 265

Material Info



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

[87978Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87978-001, RPS-87978-001
SD-87978-001

This document was generated on 01/21/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION