

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0879780021](#)
Status: **Active**
Overview: Memory Module Sockets
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-87978-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [87978](#)
 Component Type Socket
 JEDEC Outline MO-237
 Overview [Memory Module Sockets](#)
 Product Name DDR2 DIMM
 UPC 822350307130

Physical

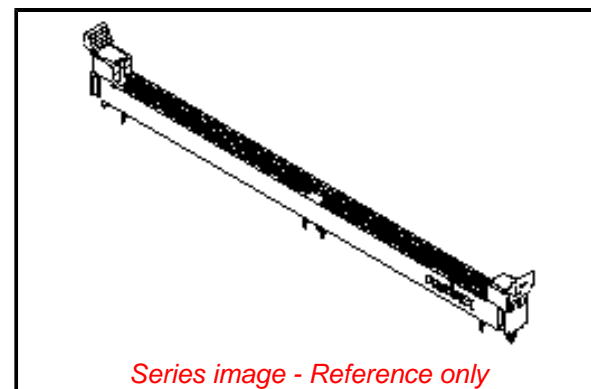
Circuits (Loaded) 240
 Circuits (maximum) 240
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Housing Color Black
 Keying to Mating Part Yes
 Latch Color Black
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination 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° 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) 010
 Lead-freeProcess Capability WAVE
 Max. Cycles at Max. Process Temperature 001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

Halogen-Free

Status

Not Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[87978 Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Process Temperature max. C

265

Material Info

Reference - Drawing Numbers

Product Specification

PS-87978-001-001

Sales Drawing

SD-87978-001

This document was generated on 05/19/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION