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Part Number: [87978-1051](#)
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, 3.18mm Tail Length, 0.76µm
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 822350307178

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 9.460/g
PC Tail Length 3.18mm
PCB Retention Yes
PCB Thickness - Recommended 2.40mm
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 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

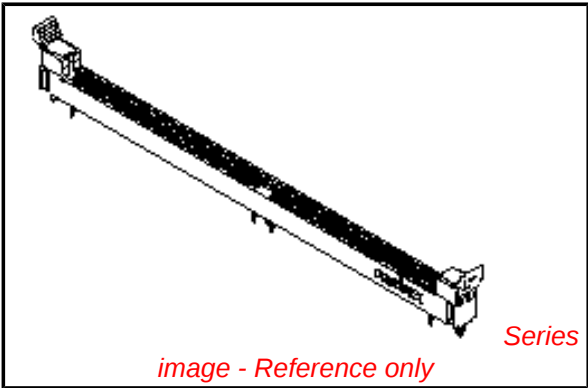


image - Reference only

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



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

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