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Part Number: [78065-8102](#)
Status: **Active**
Description: 1.00mm Pitch DDR2 DIMM Socket, Very Low Profile, Vertical, Press-fit, 1.8V Center Keys, 4.20mm Tail Length, Black Latches, 240 Circuits, 0.76µm (30µm) Gold (Au) Plating, Solder-tail: Tin/Lead (Pb/Sn) over Nickel Underplate Version

Documents:

[3D Model](#) [Application Specification AS-87746-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78065-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78065](#)
 Comments Latches in Black Color
 Component Type Socket
 JEDEC Outline MO-237
 Product Name DDR2 DIMM

Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 PC Tail Length 4.20mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 4.57mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination Interface 1.00mm, 5.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.381µm
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

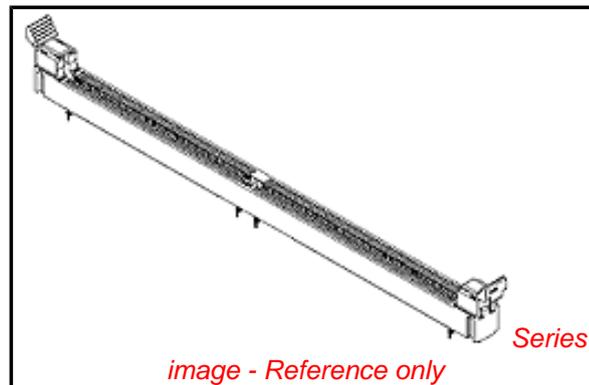
Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center

Solder Process Data

Replacement RoHS Compliant Part Number 0780658002

Material Info



EU RoHS

RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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

78065Series

Mates With

JEDEC MO-237 modules

Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

AS-87746-001

PS-78065-001, RPS-78065-002

SD-78065-001

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