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Part Number: [0780658001](#)
Status: **Active**
Description: 1.00mm Pitch DDR2 DIMM Socket, Very Low Profile, Vertical, Press-fit, 1.8V Center Keys, 3.30mm Tail Length, Black Latches, 240 Circuits, 0.76µm Gold (Au) Plating, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78065](#)
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-237
 Product Name DDR2 DIMM
 UPC 822350742115

Physical

Circuits (Loaded) 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 Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 9.940/g
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 3.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 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

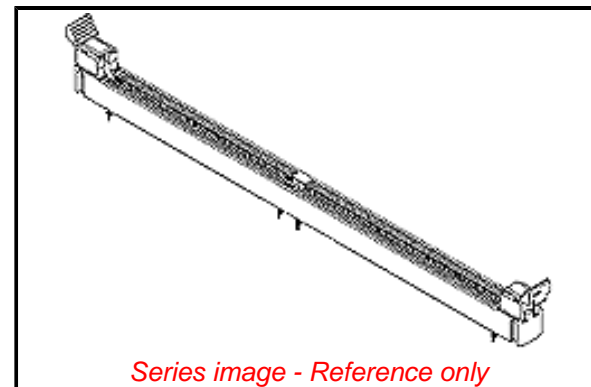
Electrical

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

Solder Process Data

Lead-free Process Capability N/A

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[78065 Series](#)

Mates With

JEDEC MO-237 Modules

Reference - Drawing Numbers

| | |
|---------------------------|------------------|
| Application Specification | AS-87746-001-001 |
| Electrical Model Document | EE-78065-002 |
| Product Specification | PS-78065-001-001 |
| S-Parameter Model | SP-78065-002 |
| Sales Drawing | SD-78065-001 |

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