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Part Number: [0783150011](#)
Status: **Active**
Overview: [DDR3 DIMM Sockets](#)
Description: 1.00mm Pitch Aerodynamic DDR3 DIMM Socket, Very Low Profile, Vertical, Press-Fit, with Pegs, Black Housing and Latches, 0.76µm Gold (Au Plating, 2.85mm Compliant Pin Length, 2.60mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-78315-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78315-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

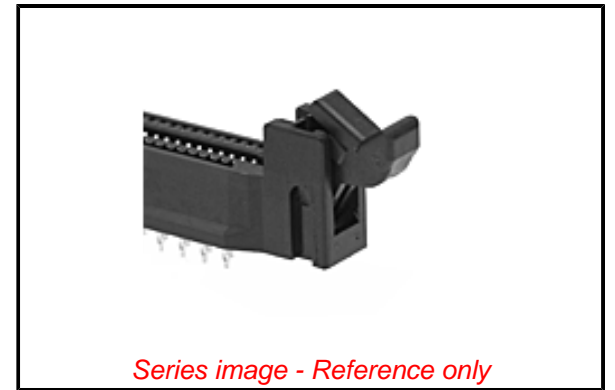
Product Family Memory Module Sockets
 Series [78315](#)
 Application Tooling Part Link 62201-8656
 Application Tooling Part Link 62202-3800
 Component Type Socket
 JEDEC Outline SO-012
 Overview [DDR3 DIMM Sockets](#)
 Product Name DDR3 DIMM
 UPC 884982126671

Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Housing Color Black
 Keying to Mating Part Yes
 Latch Color Black
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 7.498/g
 PC Tail Length 2.85mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination 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 1.0A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

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

[78315 Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

AS-78315-001-001

Product Specification

PS-78315-001-001

Sales Drawing

SD-78315-001-001

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