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Part Number: [0783150001](#)

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, 1.85mm Compliant Pin Length, 2.40mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

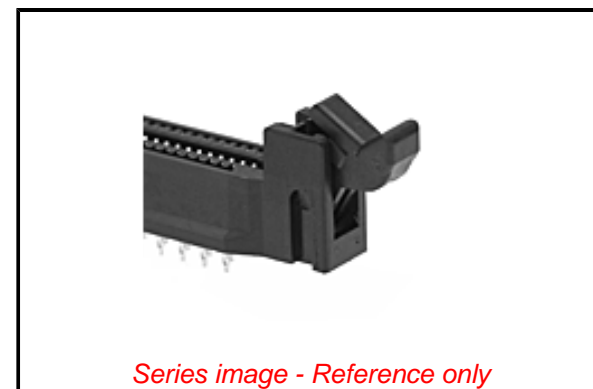
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-78315-001-001 \(PDF\)](#)

[Application Specification AS-78315-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

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
Electrical Model	Yes
JEDEC Outline	SO-012
Overview	DDR3 DIMM Sockets
Product Name	DDR3 DIMM
UPC	800756929507

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	7.501/g
PC Tail Length	1.85mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
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

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

Voltage Key

Center

Solder Process Data

Lead-free Process Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification

AS-78315-001-001

Electrical Model Document

EE-78315-002, EE-78315-003

Product Specification

PS-78315-001-001

S-Parameter Model

SP-78315-002, SP-78315-003

Sales Drawing

SD-78315-001-001

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