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Part Number: **0783150001**
Status: **Active**
Description: 1.00mm (.039") Pitch DDR3 DIMM Socket, Very Low Profile, Vertical, Press-Fit, with Pegs, Black Housing and Latches, 0.76µm (30µ") Gold (Au)Plating, 1.85mm (.073") Compliant Pin Length, 2.40mm (.094") PCB Thickness, 240 Circuits, Lead free

Documents:

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

General

Product Family	Memory Module Sockets
Series	78315
Component Type	Socket
JEDEC Outline	MO-269
Product Name	DDR3 DIMM

Physical

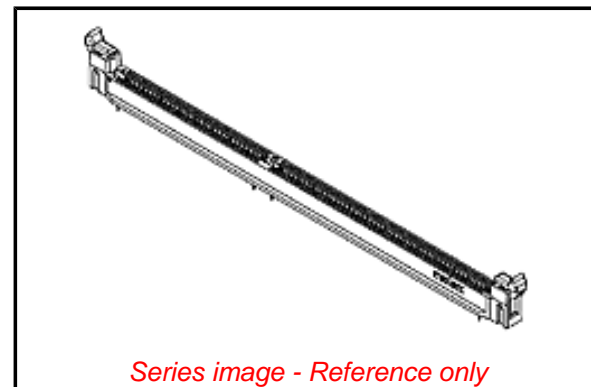
Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Function Key	None
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
PC Tail Length (in)	0.073 In
PC Tail Length (mm)	1.85 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.095 In
PCB Thickness Recommended (mm)	2.40 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	15
Plating min: Termination (µm)	0.38
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

CSA	LR19980
Current - Maximum	1A
UL	E29179
Voltage - Maximum	30V AC (RMS)/DC
Voltage Key	Center

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Halogen-Free
Status**

China RoHS



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environmental compliance?**

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Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

78315 Series

Mates With

JEDEC standard 1.27mm modules

Product Specification
Product Specification
Sales Drawing

PS-78315-001
RPS-78315-001
SD-78315-001

This document was generated on 11/06/2009

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