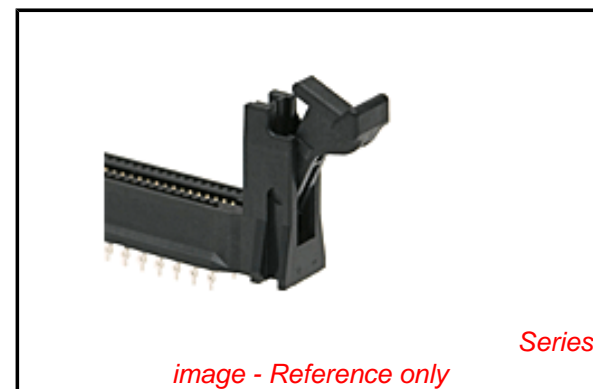


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Part Number: [78556-5001](#)
Status: **Active**
Overview: DDR3 DIMM Sockets
Description: 1.00mm Pitch Aerodynamic DDR3 DIMM Socket, Low Profile, Vertical, Press-Fit, Black Housing and Latches, 0.76µm Gold (Au Plating, 3.00mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-78315-001 \(PDF\)](#)



General

Product Family	Memory Module Sockets
Series	78556
Component Type	Socket
JEDEC Outline	SO-012
Overview	DDR3 DIMM Sockets
Product Name	DDR3 DIMM
UPC	884982636422

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	7.912/g
PC Tail Length	2.40mm, 2.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.00mm
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	1A
Voltage - Maximum	30V AC (RMS)/DC
Voltage Key	Center

Material Info

Reference - Drawing Numbers

Application Specification	AS-78315-001
Electrical Model Document	EE-78556-001
Product Specification	RPS-78556-001
S-Parameter Model	SP-78556-001
Sales Drawing	SD-78556-001, SD-78556-002

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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[78556Series](#)

Mates With

JEDEC Standard 1.27mm Modules

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