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**Part Number:** **0785565001**  
**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-78315-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-78556-001-001 (PDF)</a>
<a href="#">Product Specification PS-78556-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-78556-001-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

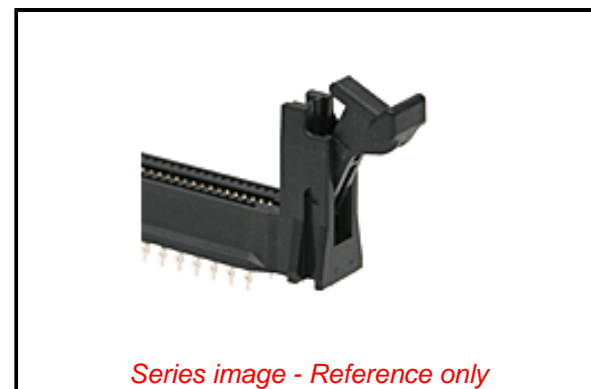
Product Family	Memory Module Sockets
Series	<u>78556</u>
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	SO-012
Overview	<u>DDR3 DIMM Sockets</u>
Product Name	DDR3 DIMM
UPC	884982636422

**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	8.001/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	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](mailto: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**

78556 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, AS-78556-001-001

Electrical Model Document

EE-78556-001, EE-78556-002, EE-78556-003,  
EE-78556-004, REE-78556-002

Product Specification

PS-78556-001-001, TS-78556-001-001

S-Parameter Model

SP-78556-001, SP-78556-002, SP-78556-003,  
SP-78556-004

Signal Integrity Report

SI-78556-001

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