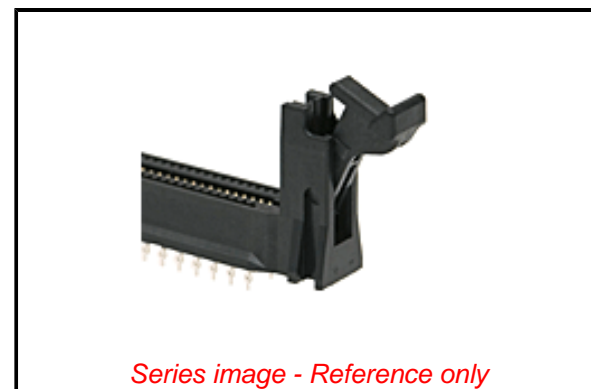


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

Drawing (PDF)	Application Specification AS-78315-001-001 (PDF)
Product Specification PS-78556-001-001 (PDF)	Application Specification AS-78556-001-001 (PDF)
Product Specification TS-78556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



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

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

78556 Series

Mates With

JEDEC Standard 1.27mm Modules

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document

AS-78315-001-001, AS-78556-001-001
EE-78556-001, EE-78556-002, EE-78556-003,
EE-78556-004, REE-78556-002

Product Specification
S-Parameter Model

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

Signal Integrity Report

SI-78556-001

This document was generated on 07/12/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION