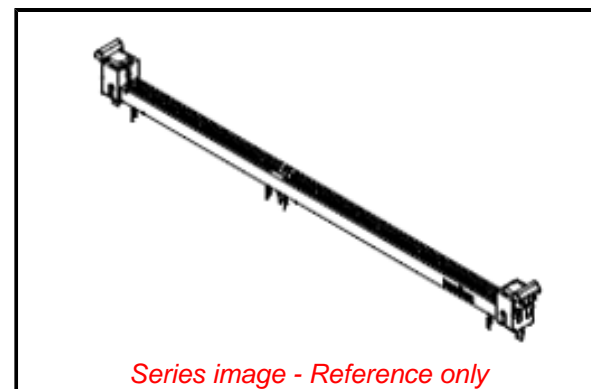


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**Part Number:** **0785881502**  
**Status:** **Active**  
**Overview:** DDR3 DIMM Sockets  
**Description:** 1.00mm Pitch DIMM DDR3 Socket, Ultra Low Profile, Through Hole, Vertical, Black with Black Latches, 1.5V Voltage Key, 240 Circuits, 0.381mm Gold (Au) Plating, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-78588-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-78588-002 (PDF)</a>
<a href="#">Product Specification PS-78588-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Memory Module Sockets
Series	<u>78588</u>
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	PS-001
Overview	<u>DDR3 DIMM Sockets</u>
Product Name	DDR3 DIMM
UPC	884982662407

**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
Material - Plating Termination	Matte Tin, Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	5.385/g
PC Tail Length	3.18mm
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.381µm
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	29V AC (RMS)/DC
Voltage Key	Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**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**

78588 Series

**Mates With**

JEDEC Standard 1.27mm Modules

Process Temperature max. C

260

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-78588-001-001
Electrical Model Document	EE-78588-001
Packaging Specification	PK-78588-002
Product Specification	PS-78588-001-001
S-Parameter Model	SP-78588-001
Sales Drawing	SD-78588-002

This document was generated on 08/29/2017

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