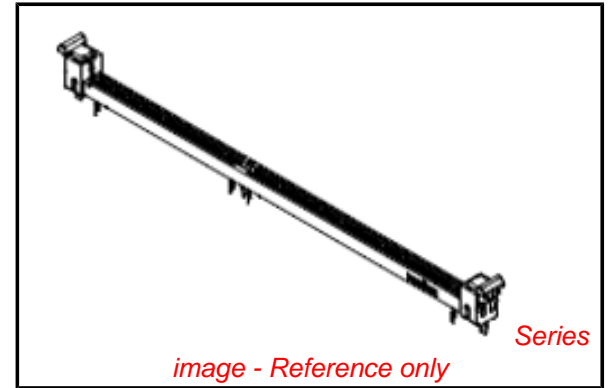


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Part Number: [78588-1502](#)
Status: **Active**
Overview: [DDR3 DIMM Sockets](#)
Description: 1.00mm Pitch DIMM DDR3 Socket, Ultra Low Profile, Through Hole, Vertical, Black with Black Latches, 1.5V Voltage Key, 240 Circuits, 0.381mm Gold (Au) Plating, Lead-Free

Documents:

3D Model	Product Specification PS-78823-001 (PDF)
Drawing (PDF)	Application Specification AS-78588-001 (PDF)
Product Specification PS-78588-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E29179

General

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

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Keying to Mating Part	Yes
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	1A
Voltage - Maximum	29V AC (RMS)/DC
Voltage Key	Center

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
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](#)

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

Search Parts in this Series

[78588Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Product Specification

AS-78588-001
EE-78588-001
PS-78588-001, PS-78823-001, RPS-78588-001,
RPS-78588-001CC, RPS-78588-012

S-Parameter Model
Sales Drawing

SP-78588-001
SD-78588-002

This document was generated on 09/26/2014

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