

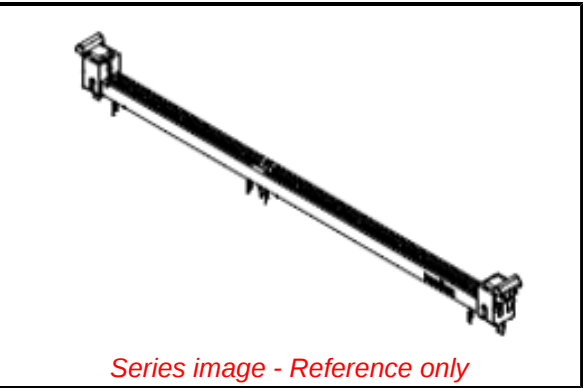
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Part Number:0785881502

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



Series image - Reference only

Documents:	
3D Model	Application Specification AS-78588-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78588-002 (PDF)
Product Specification PS-78588-001-001 (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
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° 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-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
Halogen-Free	
Status	
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

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

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