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Part Number:

0783150051

Status:

Active

Overview:

DDR3 DIMM Sockets

Description:

1.00mm Pitch Aerodynamic DDR3 DIMM Socket, Very Low Profile, Vertical, Press-Fit, with Pegs, Blue Housing and Latches, 0.76µm Gold (Au Plating, 2.85mm Compliant Pin Length, 2.60mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		Memory Module Sockets
Series		78315
Component Type		Socket
Electrical Model		Yes
JEDEC Outline		SO-012
Overview		DDR3 DIMM Sockets
Product Name		DDR3 DIMM
UPC		883906743710

Physical		
Circuits (Loaded)		240
Circuits (maximum)		240
Durability (mating cycles max)		25
Entry Angle		Vertical
Flammability		94V-0
Housing Color		Blue
Keying to Mating Part		Yes
Latch Color		Blue
Material - Metal		Copper Alloy
Material - Plating Mating		Gold over Nickel
Material - Plating Termination		Tin
Material - Resin		Nylon
Net Weight		7.498/g
PC Tail Length		1.85mm
PCB Locator		Yes
PCB Retention		Yes
PCB Thickness - Recommended		2.40mm
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° 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		
Lead-freeProcess Capability		N/A



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

78315 Series

Mates With

JEDEC Standard 1.27mm Modules

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-78315-002, EE-78315-003
S-Parameter Model	SP-78315-002, SP-78315-003
Sales Drawing	SD-78315-001-001

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