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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

Drawing (PDF)

3D Model (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	78315
Component Type	Socket
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
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-78315-002-001, EE-78315-003-001
S-Parameter Model	SP-78315-002-001, SP-78315-003-001
Sales Drawing	SD-78315-001-001

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