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Part Number:

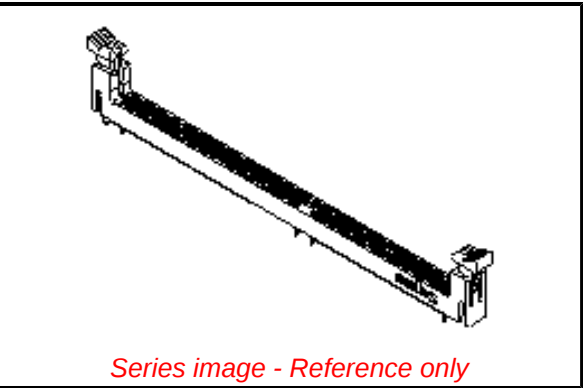
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Status:

Active

Description:

1.00mm Pitch Fully Buffered DIMM Socket, Vertical, Press-Fit, 240 Circuits, 1.8V Center Voltage Key, with Plastic Locating Peg and Press-Fit Metal Pins, with Off-White Latches, 0.76µm Gold (Au) Plating, Lead-Free



Documents:

3D Model

Application Specification AS-87746-001-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87977-001-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	87977
Comments	Solder Tail Length at 3.15mm, Solder Tail Length at 3.15mm
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-256
Product Name	FB DIMM
UPC	822350316514
Physical	
Circuits (Loaded)	240
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.600/g
PC Tail Length	3.15mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.30mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Temperature Range - Operating	-10° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Voltage Key	1.8V, Center
Solder Process Data	
Lead-freeProcess Capability	N/A

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

87977 Series

Mates With

JEDEC MO-256 Modules

Material Info

Reference - Drawing Numbers

Application Specification	AS-87746-001-001
Electrical Model Document	EE-87977-001
Product Specification	PS-87977-001-001
S-Parameter Model	SP-87977-001
Sales Drawing	SD-87977-020

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