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Part Number:

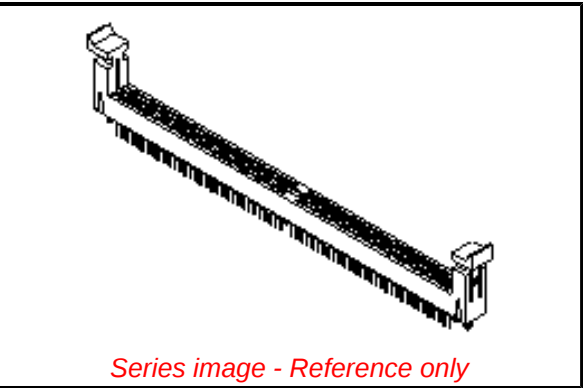
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Status:

Active

Description:

1.00mm Pitch DDR-II DIMM Socket, Vertical, Center Keys, 3.18mm Tail Length, Beige Latches, 0.38µm Gold (Au) Plating, with Beveled Metal Pins, 240 Circuits, Lead-Free



Documents:	
3D Model	Product Specification PS-87705-002-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	87705
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-237
Product Name	DDR2 DIMM
UPC	756054857298
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	Beige
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.965/g
PC Tail Length	3.18mm
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-10°C to +85°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	30V
Voltage Key	1.8V, Center
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Not 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

87705 Series

Mates With

JEDEC Standard 1.27mm Modules

Reference - Drawing Numbers

Electrical Model Document	EE-87705-001
Product Specification	PS-87705-002-001
S-Parameter Model	SP-87705-001
Sales Drawing	SD-87705-001

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