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Part Number: 0787301002
Status: Active
Overview: DDR4 DIMM Sockets
Description: DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, Black Housing, Black Latch



Series image - Reference only

Documents:

Drawing (PDF)
Application Specification AS-78730-002 (PDF)
Product Specification PS-78730-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	1409726
UL	E29179
General	
Product Family	Memory Module Sockets
Series	78730
Comments	Black Housing, Black Latch
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-309
Overview	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	887191429816
Physical	
Circuits (Loaded)	288
Circuits (maximum)	288
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Nylon
Net Weight	6.202/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 3.18mm
Packaging Type	Tray
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Contains SVHC(2015 June 15): No

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

Search Parts in this Series
78730 Series

Material Info

Reference - Drawing Numbers

Application Specification	AS-78730-002
Electrical Model Document	EE-78730-002, EE-78730-003, EE-78730-006, EE-78730-007
Product Specification	PS-78730-001
S-Parameter Model	SP-78730-002, SP-78730-003, SP-78730-006, SP-78730-007
Sales Drawing	SD-78730-002

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