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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

Documents:

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

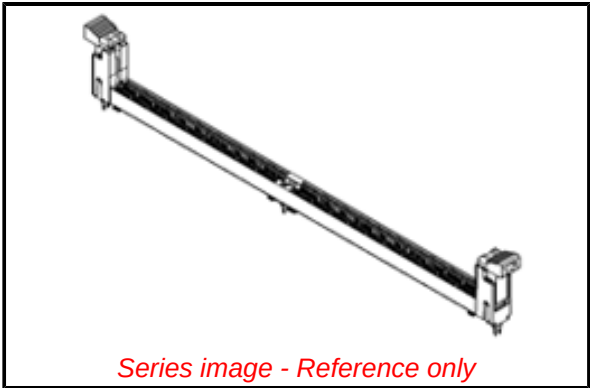
Circuits (Loaded)	288
Circuits (maximum)	288
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - 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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[78730](#) Series

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification	AS-78730-002-001
Electrical Model Document	EE-78730-002, EE-78730-003, EE-78730-006, EE-78730-007, EE-78730-008, EE-78730-009, EE-78730-010
Packaging Specification	PK-78730-001
Product Specification	PS-78730-001-001
S-Parameter Model	SP-78730-002, SP-78730-003, SP-78730-006, SP-78730-007, SP-78730-008, SP-78730-009, SP-78730-010
Sales Drawing	SD-78730-002

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