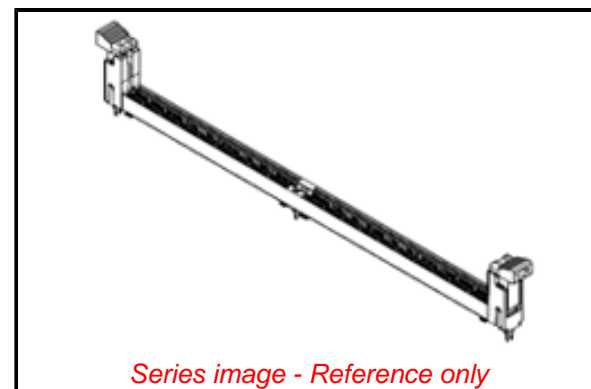


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-78730-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-78730-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-78730-001-001 (PDF)</a>	



**Agency Certification**

CSA	1409726
UL	E29179

**General**

Product Family	Memory Module Sockets
Series	<u>78730</u>
Component Type	Socket
JEDEC Outline	MO-309
Overview	<u>DDR4 DIMM Sockets</u>
Product Name	DDR4 DIMM
UPC	887191429816

**Physical**

Circuits (Loaded)	288
Circuits (maximum)	288
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.245/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° 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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

78730 Series

Process Temperature max. C

260

**Material Info**

**Reference - Drawing Numbers**

Application Specification

Electrical Model Document

AS-78730-002-001

787300007REVA-000, 787300011REVA-000,

787300012REVA-000, EE-78730-002, EE-78730-003,

EE-78730-006, EE-78730-007, EE-78730-008,

EE-78730-009, EE-78730-010

Packaging Specification

PK-78730-001-001

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-78730-002-001

This document was generated on 03/09/2020

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