

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:

[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
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-309
 Overview DDR4 DIMM Sockets
 Product Name DDR4 DIMM
 UPC 887191429816

Physical

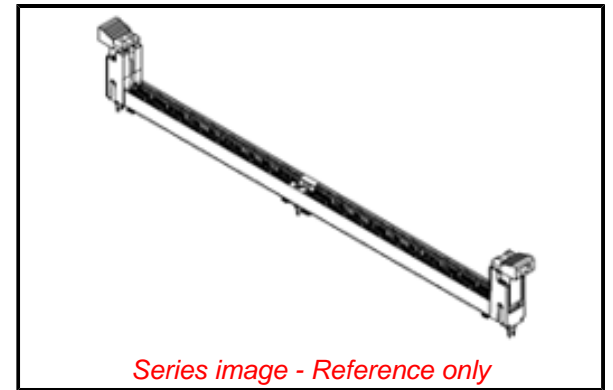
Circuits (Loaded) 288
 Circuits (maximum) 288
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Housing Color Black
 Keying to Mating Part Yes
 Latch Color Black
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin Nylon
 Net Weight 6.159/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-free Process Capability REFLOW
 Max. Cycles at Max. Process Temperature 003



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

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

ELV

RoHS Phthalates

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, REE-78730-0001,
REE-78730-0002, REE-78730-0003, REE-78730-004,
REE-78730-006

Packaging Specification
Product Specification
S-Parameter Model

PK-78730-001
PS-78730-001-001
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

This document was generated on 08/02/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION