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Part Number: [0787311002](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, Vertical Press-Fit, 30µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm (.071"), Black Housing, Black Latch

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-78731-001 \(PDF\)](#)

Agency Certification

CSA 1409726
 UL E29179

General

Product Family Memory Module Sockets
 Series [78731](#)
 Application Tooling Part Link 62202-3810
 Comments Black Housing, Black Latch
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-309
 Overview [DDR4 DIMM Sockets](#)
 Product Name DDR4 DIMM
 UPC 887191484396

Physical

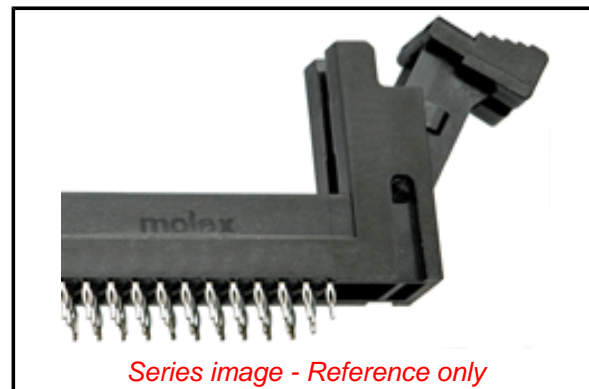
Circuits (Loaded) 288
 Circuits (maximum) 288
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin Nylon
 Net Weight 7.416/g
 PCB Retention None
 PCB Thickness - Recommended 1.80mm
 Packaging Type Tray
 Pitch - Mating Interface 0.85mm
 Pitch - Termination Interface 0.85mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.381µm
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Press-Fit

Electrical

Current - Maximum per Contact 0.75A
 Voltage - Maximum 29V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 002
 Process Temperature max. C 260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

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

Green Image
 Not Relevant

Search Parts in this Series

[78731](#) Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|-----------------|----------------------------|
| DDR3 DIMM | 0622023810 |
| Extraction Tool | |

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-78731-001, EE-78731-003, EE-78731-006,
EE-78731-007

Packaging Specification

PK-78731-001

S-Parameter Model

SP-78731-001, SP-78731-003, SP-78731-006,
SP-78731-007

Sales Drawing

SD-78731-001

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