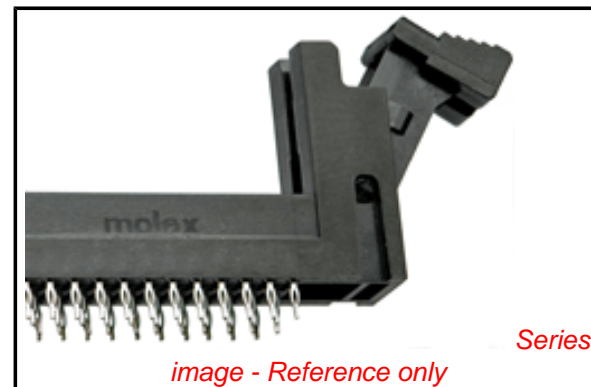


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**Part Number:** [78731-1002](#)  
**Status:** **Active**  
**Overview:** [DDR4 DIMM Sockets](#)  
**Description:** DDR4 DIMM Socket, Vertical Press-Fit, 30µm Gold Plating, 288 Circuits, PCB Thickness 2.40mm (.094"), Black Housing, Black Latch

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-78731-003 \(PDF\)](#)  
[Product Specification PS-78731-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-78731-001 \(PDF\)](#)



**General**

Product Family	Memory Module Sockets
Series	<a href="#">78731</a>
Component Type	Memory Module
Electrical Model	Yes
JEDEC Outline	N/A
Overview	<a href="#">DDR4 DIMM Sockets</a>
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)
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	Nylon
Net Weight	7.374/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
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)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-78731-001, AS-78731-003
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**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[78731Series](#)

Electrical Model Document  
Product Specification  
S-Parameter Model  
Sales Drawing

EE-78731-001  
PS-78731-001  
SP-78731-001  
SD-78731-001

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