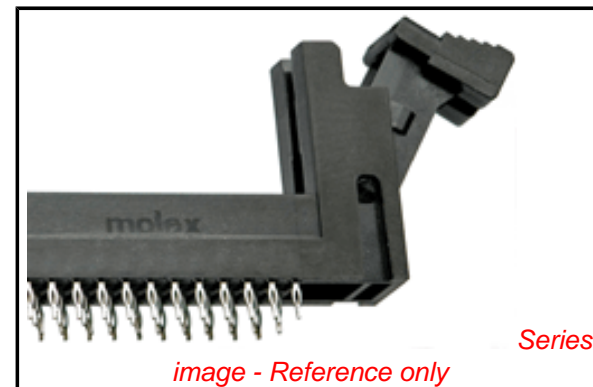


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Part Number: [78731-1002](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, Vertical Press-Fit, 30µm Gold Plating, 288 Circuits, PCB Thickness 2.40mm (.094"), Black Housing, Black Latch

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	78731
Component Type	Memory Module
JEDEC Outline	N/A
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)
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	Nylon
Net Weight	7.365/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
Product Specification	PS-78731-001

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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[78731Series](#)

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