

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0787311002

Status:

Active

Overview:

DDR4 DIMM Sockets

Description:

DDR4 DIMM Socket, Vertical Press-Fit, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.80mm, Tail Length 2.53mm, Black Housing, Black Latch

Documents:

Drawing (PDF)	Application Specification AS-78731-003-001 (PDF)
3D Model	Packaging Specification PK-78731-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	62202-3810
-------------------------------	------------

General

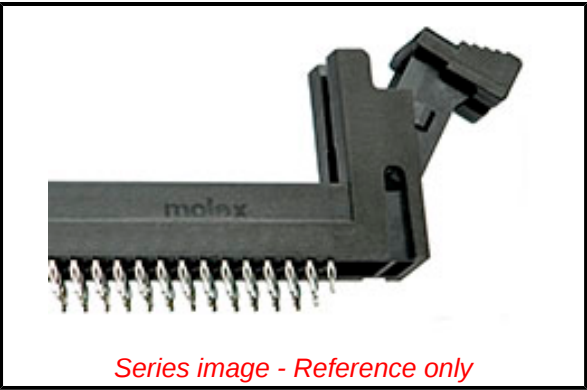
Product Family	Memory Module Sockets
Series	78731
Component Type	Socket
JEDEC Outline	MO-309
Overview	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
Taxonomy	Memory Module Connectors
UPC	887191484396

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	None
Latch Color	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Polyamide
Net Weight	7.464/g
PC Tail Length	2.53mm
PCB Locator	Yes
PCB Retention	Yes
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° to +85°C
Termination Interface: Style	Press-Fit

Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

78731 Series

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-78731-003-001
Electrical Model Document	EE-78731-001-001, EE-78731-003-001, EE-78731-006-001, EE-78731-007-001
Packaging Specification	PK-78731-001-001
S-Parameter Model	SP-78731-001-001, SP-78731-003-001, SP-78731-006-001, SP-78731-007-001
Sales Drawing	SD-78731-001-001

This document was generated on 01/16/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION