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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:

3D Model

Drawing (PDF)

Application Specification AS-78731-003-001 (PDF)

Packaging Specification PK-78731-001-001 (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
Electrical Model	Yes
JEDEC Outline	MO-309
Overview	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
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	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	7.464/g
PC Tail Length	2.53mm
PCB Locator	Yes
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° to +85°C
Termination Interface: Style	Press-Fit
Electrical	
Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
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

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	622023810
Extraction Tool	

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

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