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Part Number: [2044731112](#)
Status: **Active**
Overview: [DDR5 DIMM Socket](#)
Description: DDR5 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm to 3.18mm, Black Housing, Black Latch

Documents:

Drawing (PDF)	Application Specification 2044730002-000 (PDF)
Product Specification 2044730001-PS-000 (PDF)	Packaging Specification 2044730002-000 (PDF)
Product Specification 2044730002-PS-000 (PDF)	Packaging Specification 2044730003-000 (PDF)
Application Specification 2044730000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	1409726
UL	E29179

General

Product Family	Memory Module Sockets
Series	204473
Component Type	Socket
JEDEC Outline	MO-329
Overview	DDR5 DIMM Socket
Product Name	DDR5 DIMM
UPC	191128914437

Physical

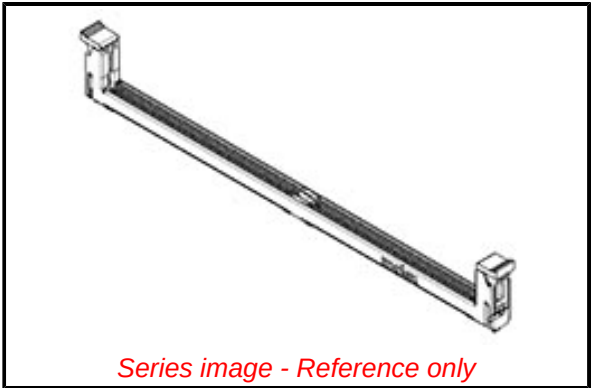
Circuits (Loaded)	288
Circuits (maximum)	288
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Black
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Polyamide
Net Weight	6.289/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 3.18mm
Packaging Type	Tray
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	29V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204473 Series](#)

Mates With

Memory Module Cards of 1.27mm
Thickness

Process Temperature max. C260

Material Info

Reference - Drawing Numbers

Application Specification2044730000-AS-000, 2044730002-000

Packaging Specification2044730002-000, 2044730003-000

Product Specification2044730001-PS-000, 2044730002-PS-000

Sales Drawing2044730000-000

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