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Part Number: [0787302853](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, Vertical Surface Mount, 0.38µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with 1.50mm Solder Tab, Black Housing, Natural Latch, with Pick-and-Place Tape

Documents:

Drawing (PDF)	Application Specification AS-78730-001-001 (PDF)
3D Model (PDF)	Application Specification AS-78730-002-001 (PDF)
3D Model	Packaging Specification PK-78730-001-001 (PDF)
Product Specification PS-78730-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-78730-002-001 (PDF)	

Agency Certification

CSA	1409726
UL	E29179

General

Product Family	Memory Module Sockets
Series	78730
Component Type	Socket
JEDEC Outline	MO-309
Overview	DDR4 DIMM Sockets
Product Name	DDR4 DIMM
UPC	889056271783

Physical

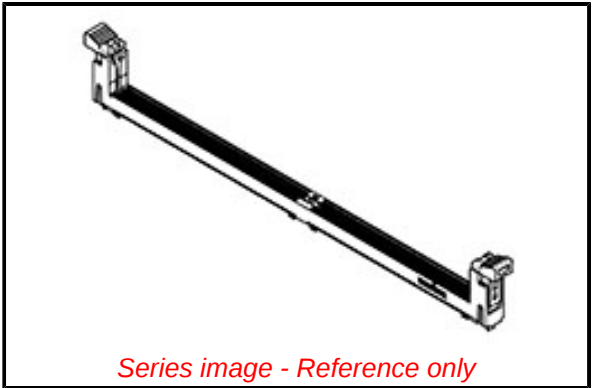
Circuits (Loaded)	288
Circuits (maximum)	288
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	None
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.169/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	0.381µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 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
[78730 Series](#)

Lead-free	Process Capability	REFLOW
Max. Cycles at Max. Process Temperature		003
Process Temperature max. C		260
Material Info		
Reference - Drawing Numbers		
Application Specification		AS-78730-001-001, AS-78730-002-001
Electrical Model Document		787300011REVA-000, 787300012REVA-000, EE-78730-008-001, EE-78730-009-001, EE-78730-010-001
Packaging Specification		PK-78730-001-001
Product Specification		PS-78730-001-001, PS-78730-002-001
S-Parameter Model		787300011REVA-000, 787300012REVA-000, SP-78730-008-001, SP-78730-009-001, SP-78730-010-001
Sales Drawing		SD-78730-003-001

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