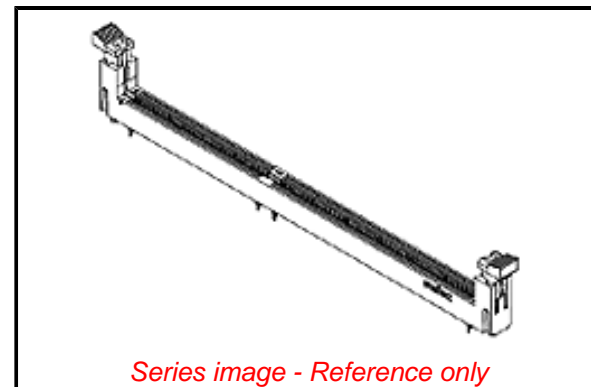


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Part Number: **0782940001**
Status: **Active**
Overview: DDR3 DIMM Sockets
Description: 1.00mm Pitch DDR3 DIMM Socket, Vertical, Press-Fit, with Pegs, Black Housing and Latches, 0.76µm Gold (Au) Plating, 3.30mm Compliant Pin Length, 3.60mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

3D Model	Application Specification AS-78294-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78294-001 (PDF)
Product Specification PS-78294-002-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	<u>78294</u>
Application Tooling Part Link	62201-8656
Application Tooling Part Link	62202-3800
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-269
Overview	<u>DDR3 DIMM Sockets</u>
Product Name	DDR3 DIMM
UPC	756054934616

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Function Key	None
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Black
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.700/g
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

78294 Series

Mates With

JEDEC Standard 1.27mm Modules

Voltage - Maximum	30V AC (RMS)/DC
Voltage Key	Center

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-78294-001-001
Electrical Model Document	EE-78294-001, EE-78294-002
Packaging Specification	PK-78294-001
Product Specification	PS-78294-002-001
S-Parameter Model	SP-78294-002
Sales Drawing	SD-78294-001

This document was generated on 07/12/2018

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