

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0782940001

Status:

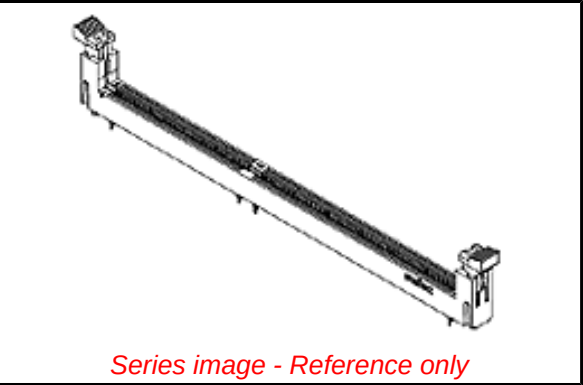
Active

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



Series image - Reference only

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

Agency Certification	
CSA	LR19980
UL	E29179
Application tooling part link	
Application Tooling Part Link	62201-8656
Application Tooling Part Link	62202-3800
General	
Product Family	Memory Module Sockets
Series	78294
Component Type	Socket
JEDEC Outline	MO-269
Overview	DDR3 DIMM Sockets
Product Name	DDR3 DIMM
UPC	756054934616
Physical	
Circuits (Loaded)	240
Circuits (maximum)	240
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
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° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)/DC

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free	
Status	
Not 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

78294 Series

Mates With

JEDEC Standard 1.27mm Modules

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	622023800
Memory Module	
Extraction Tool	

Voltage Key	Center
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-78294-001-001
Electrical Model Document	EE-78294-001-001, EE-78294-002-001
Packaging Specification	PK-78294-001-001
Product Specification	PS-78294-002-001
S-Parameter Model	SP-78294-002-001
Sales Drawing	SD-78294-001-001

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION