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Part Number: [78294-0001](#)
Status: **Active**
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 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78294-002 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

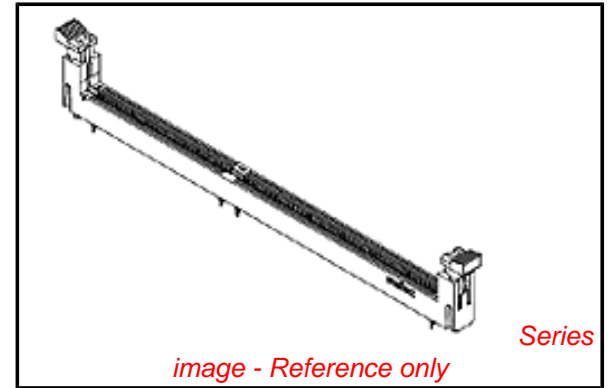
Product Family Memory Module Sockets
 Series [78294](#)
 Application Tooling Part Link [62201-8656](#)
 Application Tooling Part Link [62202-3800](#)
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-269
 Product Name DDR3 DIMM
 UPC 756054934616

Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 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 1A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[78294Series](#)

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 Memory Module Installation Tool	0622018656
DDR3 DIMM Memory Module Extraction Tool	0622023800

Material Info

Reference - Drawing Numbers

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

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