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Part Number: [1510800101](#)
Status: **Active**
Overview: DDR4 DIMM Sockets
Description: DDR4 DIMM Socket, 25° Angled, Vertical Through-Hole, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.70mm, Black Housing, Black Latch

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-151080-0001-001 \(PDF\)](#)
[Product Specification PS-151080-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

Application Tooling Part Link 62100-1970

General

Product Family Memory Module Sockets
 Series [151080](#)
 Component Type Socket
 JEDEC Outline MO-309
 Overview [DDR4 DIMM Sockets](#)
 Product Name DDR4 DIMM
 UPC 889056200165

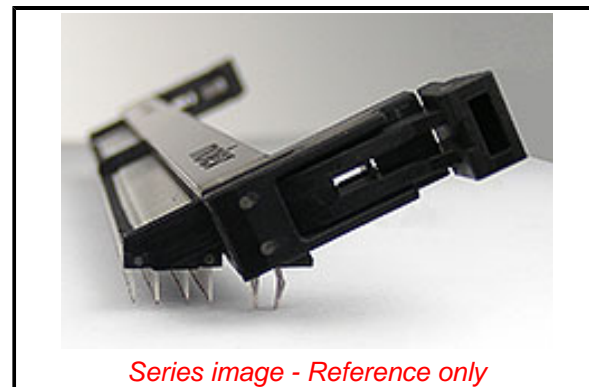
Physical

Circuits (Loaded) 288
 Circuits (maximum) 288
 Durability (mating cycles max) 25
 Entry Angle 25° Angle
 Flammability 94V-0
 Housing Color Black
 Keying to Mating Part None
 Latch Color Black
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Polyamide
 Net Weight 24.101/g
 PC Tail Length 2.67mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.70mm, 1.80mm
 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 Through Hole

Electrical

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

Solder Process Data



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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[151080 Series](#)

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 #
DDR4 DIMM	621001970
Memory Card	
Insertion Tool for 2 DDR4 DIMM 25° Angled, 0.85mm Pitch, 288 Circuit Sockets, Mounted on 18.00mm Centers	

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	1510800004-000, EE-151080-0001-001, EE-151080-0002-001, EE-151080-0003-001
Product Specification	PS-151080-0001-001
S-Parameter Model	1510800004-000, SP-151080-0001-001, SP-151080-0002-001, SP-151080-0003-001
Sales Drawing	SD-151080-0001-000
Signal Integrity Report	SI-151080-0001-001
Test Summary	TS-151080-0001-001

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