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Part Number: [1510800001](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, 25° Angled, Vertical Through-Hole, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 2.54mm, Black Housing, Black Latch

Documents:

[3D Model](#) [Product Specification PS-151080-0001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

Application Tooling Part Link 62100-1970

General

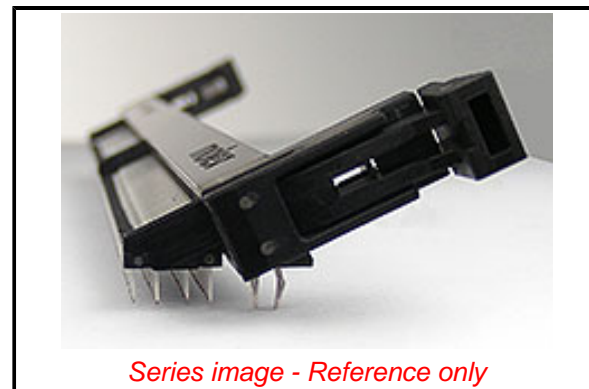
Product Family Memory Module Sockets
 Series [151080](#)
 Component Type Socket
 JEDEC Outline MO-309
 Overview [DDR4 DIMM Sockets](#)
 Product Name DDR4 DIMM
 Taxonomy Memory Module Connectors
 UPC 889056200158

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 24.105/g
 PC Tail Length 3.56mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.54mm
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

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

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

[621001970](#)

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

Electrical Model Document	EE-151080-0001-001, EE-151080-0002-001
Product Specification	PS-151080-0001-001
S-Parameter Model	SP-151080-0001-001, SP-151080-0002-001
Sales Drawing	SD-151080-0001-000

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