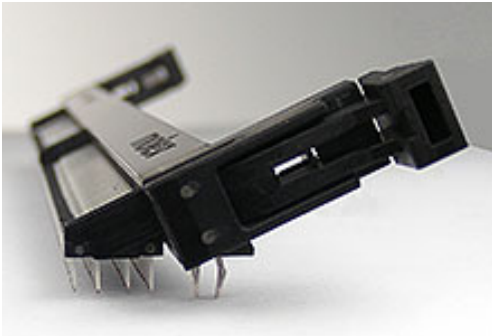


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Part Number: [1510800101](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, 25° Angled, Vertical Through-Hole, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.70mm, Black Housing, Black Latch

Documents:
[3D Model](#) [Product Specification PS-151080-0001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Test Summary TS-151080-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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
Taxonomy	Memory Module Connectors
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



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 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	

Solder Process Data

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

This document was generated on 09/26/2022

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