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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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-151080-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-151080-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	62100-1970
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**General**

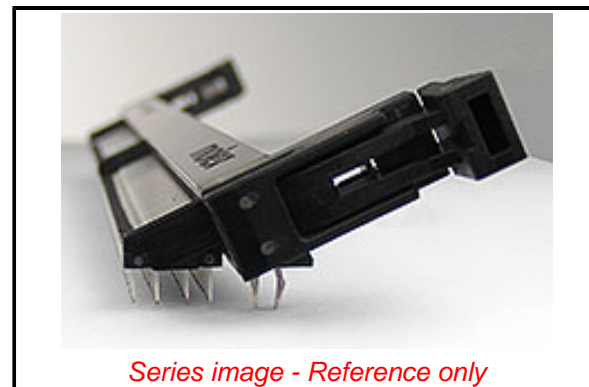
Product Family	Memory Module Sockets
Series	<a href="#">151080</a>
Component Type	Socket
JEDEC Outline	MO-309
Overview	<a href="#">DDR4 DIMM Sockets</a>
Product Name	DDR4 DIMM
Taxonomy	Memory Module Connectors
UPC	889056200165

**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

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	<a href="#">621001970</a>
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-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	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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