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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:**

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

**General**

Product Family	Memory Module Sockets
Series	<a href="#">151080</a>
Comments	Black Housing, Black Latch
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-309
Overview	<a href="#">DDR4 DIMM Sockets</a>
Product Name	DDR4 DIMM
UPC	889056200158

**Physical**

Circuits (Loaded)	288
Circuits (maximum)	288
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	25° Angle
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Nylon
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°C to +85°C
Termination Interface: Style	Through Hole

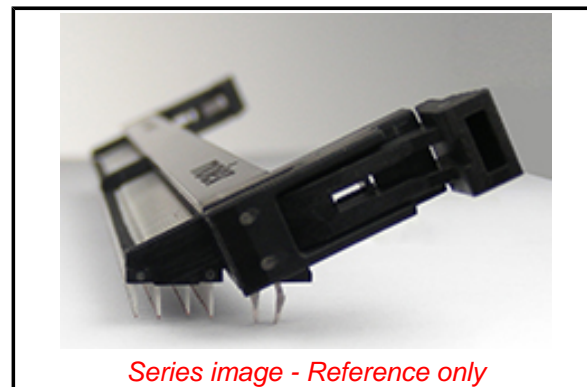
**Electrical**

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

**Solder Process Data**

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**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[151080](#) Series

**Reference - Drawing Numbers**

Electrical Model Document

Product Specification

S-Parameter Model

Sales Drawing

EE-151080-0001, EE-151080-0002

PS-151080-0001

SP-151080-0001, SP-151080-0002

SD-151080-0001

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