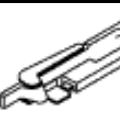


**Part Number:** [0546977000](#)  
**Status:** **Contact Molex**  
**Description:** 0.80mm (.031") Pitch S.O. DIMM Socket, Right Angle, Surface Mount, 4.00mm (.157") Mounted Height, 144 Circuits, 3.3V Power Supply, Lead-free



**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-54697-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Memory Module Sockets
Series	<a href="#">54697</a>
Comments	3.3V Power Supply
Component Type	Memory Module
JEDEC Outline	N/A
Product Name	S.O. DIMM

**Physical**

Circuits (Loaded)	144
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm (.047")
Packaging Type	Tray
Pitch - Mating Interface	0.80mm (.031")
Plating min - Mating	0.254µm (10µ")
Plating min - Termination	1.016µm (40µ")
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	100V
Voltage Key	3.3V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-54697-003, RPS-54697-006
Sales Drawing	SD-54697-004

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