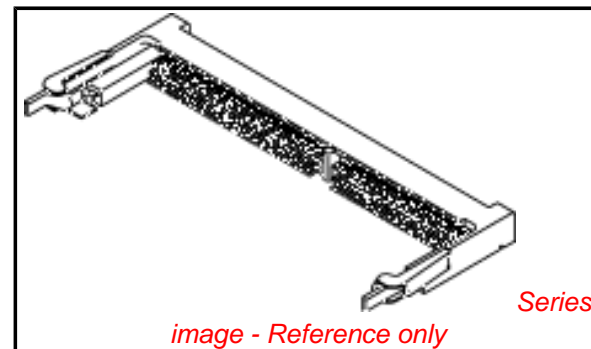


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0541421440**
Status: **Obsolete**
Description: 0.80mm (.031") Pitch S.O. DIMM Socket, Right Angle, Surface Mount, 5.20mm (.205") Mounted Height, 144 Circuits, 3.3V Power Supply
Replacement Part Number: 54698

Documents:
[Drawing \(PDF\)](#)



General

Product Family	Memory Module Sockets
Series	<u>54142</u>
Comments	3.3V Power Supply
Component Type	Memory Module
JEDEC Outline	N/A
Product Name	S.O. DIMM
Replacement Part Number	<u>54698</u>

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm (.047")
Packaging Type	Tray
Pitch - Mating Interface	0.80mm (.031")
Pitch - Termination 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 AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-54142-001
Sales Drawing	SD-54142-001

EU RoHS Not RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed	China RoHS 
--	--

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

54142Series

Mates With

JEDEC Standard DRAM and SDRAM modules