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Part Number: [0546420471](#)
Status: **Planned for Obsolescence**
Overview: [ieee_1394](#)
Description: 0.80mm (.031") Pitch IEEE 1394a-2000 Shielded I/O PCB Socket, Right Angle, Mini Type, Reel, Lead-free

Documents:

3D Model	Product Specification PS-54642-015 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	54642
Application	Wire-to-Board
Component Type	Receptacle
Overview	ieee_1394
Product Name	IEEE 1394
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Socket
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold, Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.00mm (.079")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm (.031")
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.80mm (.031")
Pitch - Termination Interface	0.80mm (.031")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.914µm (36µ"), 3.048µm (120µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes

EU RoHS

ELV and 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

[54642Series](#)

Mates With

[IEEE1394 4Pin Plug](#)

Voltage - Maximum

5V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-54642-015

Sales Drawing

SD-54642-014, SD-54642-015

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