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Part Number:

0546420431

Status:

Planned for Obsolescence

Description:

0.80mm (.031") Pitch IEEE 1394a-2000 Shielded I/O PCB Socket, Right Angle, Mini Type

Replacement Part Number:

0546420439

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	54642
Application	Wire-to-Board
Component Type	Receptacle
Product Name	IEEE 1394
Replacement Part Number	0546420439
Type	N/A
Physical	
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle
PC Tail Length	2.00mm (.079")
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm (.031")
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm (.031")
Pitch - Termination Interface	0.80mm (.031")
Plating min - Mating	0.914µm (36µ")
Plating min - Termination	0.914µm (36µ")
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical	
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	5V

Material Info

Reference - Drawing Numbers	
Product Specification	RPS-54642-008, RPS-54642-013, RPS-54642-014, RPS-54642-015
Sales Drawing	SD-54642-011

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

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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

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