



Part Number : [539840681](#)

Series Number : 53984

Product Category : I/O Connectors

Product Description : 2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Reflow Dip, 6 Circuits

Status : Active

Documents & Resources

Drawings

[Drawing 539840681_sd.pdf](#)

3D Models and Design Files

[3D Model 539840681_stp.zip](#)


Specifications

[Packaging Specification 539849200-SPK-200.pdf](#)

[Product Specification 539840000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

Status	Active
Category	I/O Connectors
Series	53984
Description	2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Reflow Dip, 6 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Family	2.00mm I/O Connectors
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	191128445412

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V AC (RMS)/DC

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin

Material - Resin	High Temperature Thermoplastic
Net Weight	2908.727/mg
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PC Tail Length	3.00mm
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.760µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Crimp Type, 6 Circuits	<u>5006540609</u>
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Bag	<u>551000670</u>
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Tray	<u>551000680</u>