Part Number : 539840681
Product Description : 2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Reflow Dip, 6 Circuits
Series Number : 53984
Status : Active
Product Category : I/O Connectors



Documents and Resources

Drawings

539840681_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

539849200-SPK-200.pdf

539840000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 Name	2.00mm I/O Connectors
Type	N/A
UPC	191128445412

Agency

UL	E29179

Electrical

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

Physical

Circuits (Loaded)	6

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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
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.00mm
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	5006540609
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Bag	551000670
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire,	551000680

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Solder Type, 6 Circuits, Tray	

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