Part Number : 534620629
Product Description : 2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Surface Mount, 6 Circuits, Tray Packaging
Series Number : 53462
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

534620629_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

SPK-53462-001-001.pdf

PS-53460-005-001.pdf

PS-53460-006-001.pdf

PS-59205-209-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- 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	53462
Description	2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Surface Mount, 6 Circuits, Tray Packaging
Application	Wire-to-Board
Component Type	Receptacle
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	822348178865

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.5A, 1.5A
Shielded	Yes

Voltage - Maximum	40V

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1953.434/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	0.762µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

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, Solder Type, 6 Circuits, Tray	551000680