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**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

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## 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                  |

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## 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><a href="#">5006540609</a></u> |
|                                                                                   |                                   |

|                                                                                                |                  |
|------------------------------------------------------------------------------------------------|------------------|
| 2.00mm Pitch Serial I/O Connector,<br>Plug Kit, Wire-to-Wire, Solder Type,<br>6 Circuits, Bag  | <u>551000670</u> |
| 2.00mm Pitch Serial I/O Connector,<br>Plug Kit, Wire-to-Wire, Solder Type,<br>6 Circuits, Tray | <u>551000680</u> |