

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0539840681](#)  
**Status:** **Active**  
**Overview:** [2.00mm I/O Connectors](#)  
**Description:** 2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Reflow Dip, 6 Circuits

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                  | <a href="#">Packaging Specification 539849200-SPK-200 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">3D Model (PDF)</a>                            | <a href="#">Product Literature (PDF)</a>                        |
| <a href="#">Product Specification 534600000-000 (PDF)</a> |   |

**Agency Certification**

UL E29179

**General**

|                |                                       |
|----------------|---------------------------------------|
| Product Family | I/O Connectors                        |
| Series         | <a href="#">53984</a>                 |
| Application    | Wire-to-Board                         |
| Component Type | Receptacle                            |
| Overview       | <a href="#">2.00mm I/O Connectors</a> |
| Product Name   | 2.00mm I/O Connectors                 |
| Type           | N/A                                   |
| UPC            | 191128445412                          |

**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                    |
| PC Tail Length                 | 3.00mm                         |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tray                           |
| Panel Mount                    | No                             |
| Pitch - Mating Interface       | 2.00mm                         |
| Plating min - Mating           | 0.760µm                        |
| Plating min - Termination      | 1.000µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

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

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53984 Series](#)

**Mates With**

Serial I/O Connectors [551000670](#) ,  
[551000680](#) , [5006540609](#)

**Reference - Drawing Numbers**

Packaging Specification

539849200-SPK-200

Product Specification

534600000-000

Sales Drawing

539840681-000

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