



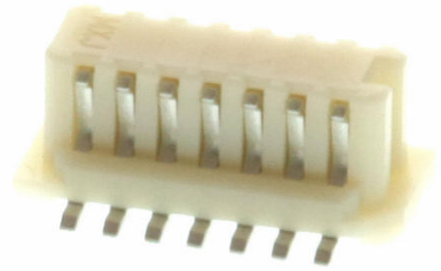
**Part Number :** [524651471](#)

**Product Description :** SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 14 Circuits, without Boss

**Series Number :** 52465

**Status :** Active

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Drawings

[524651471\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[SPK-52465-002-001.pdf](#)

[PS-52465-010-001.pdf](#)


[PS-52465-014-001.pdf](#)

[PS-52465-015-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| 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)7771-DC (04 Feb 2026)  |

|         |                           |
|---------|---------------------------|
| 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       | Board-to-Board Connectors   |
| Series         | 0.8 and above   |
| Description    | SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 or 5.65mm Mated Height, Vertical, 14 Circuits, without Boss |
| Application    | Board-to-Board, Signal  |
| Component Type | Receptacle  |
| Product Name   | SlimStack   |
| UPC            | 822348142941  |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

### Physical

|                   |    |
|-------------------|----|
| Circuits (Loaded) | 14 |
|-------------------|----|

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (maximum)             | 14                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Capable              | No                             |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | No                             |
| Mated Height                   | 4.50mm, 5.65mm                 |
| Mated Width                    | 4.70mm, 5.10mm                 |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 148.200/mg                     |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Embossed Tape on Reel          |
| PCB Locator                    | No                             |
| PCB Retention                  | No                             |
| PCB Thickness - Recommended    | 1.60mm                         |
| Pitch - Mating Interface       | 0.80mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface Style    | Surface Mount                  |

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## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number                  |
|--|------------------------------|
| 0.80mm Pitch Vertical SlimStack Plugs    | <u><a href="#">53307</a></u> |
| 0.80mm Pitch Right-Angle SlimStack Plugs | <u><a href="#">53309</a></u> |

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