



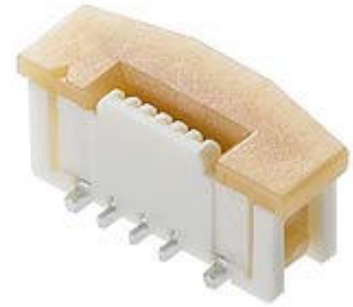
**Part Number :** [525591870](#)

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 18 Circuits, Tin-Bismuth Plating

**Series Number :** 52559

**Status :** Active

**Product Category :** FFC / FPC Connectors



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## Documents and Resources

### Drawings

[525591870 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[525591870.dxf](#)

### Specifications


[SPK-52559-004-001.pdf](#)

[PS-52559-012-001.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)6375-DC (05 Nov 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     | FFC / FPC Connectors  |
| Series       | Slider  |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 18 Circuits, Tin-Bismuth Plating |
| Product Name | Easy-On   |
| UPC          | 822348125906  |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

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

### Physical

|                   |        |
|-------------------|--------|
| Actuator Type     | Slider |
| Circuits (Loaded) | 18     |

|                                |                       |
|--------------------------------|-----------------------|
| Color - Resin                  | Natural               |
| Contact Position               | N/A                   |
| Durability (mating cycles max) | 20                    |
| Flammability                   | 94V-0                 |
| Mated Height                   | 3.90mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Plating Termination | Tin-Bismuth           |
| Material - Resin               | Nylon                 |
| Net Weight                     | 252.502/mg            |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | None                  |
| PC Tail Length                 | 2.00mm                |
| Pitch - Mating Interface       | 0.50mm                |
| Pitch - Termination Interface  | 0.50mm                |
| Polarized to PCB               | No                    |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +85°C         |
| Wire/Cable Type                | FFC/FPC               |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number                  |
|-------------------------------------|------------------------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u><a href="#">15166</a></u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u><a href="#">15266</a></u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u><a href="#">98266</a></u> |

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This document was generated on Jan 23, 2026