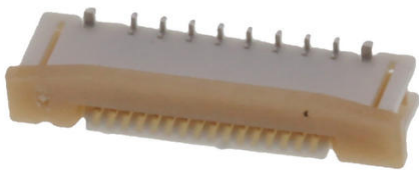




**Part Number :** [525591652](#)  
**Product Description :** Easy-On FFC/FPC Connector,  
0.50mm Pitch, Slider Series, Vertical, 3.90mm Height,  
16 Circuits, Gold Plating  
**Series Number :** 52559  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



Documents & Resources

Drawings

[525591652\\_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[525591652.dxf](#)

Specifications

[AS-52559-001-001.pdf](#)

[SPK-52559-003-001.pdf](#)

[PS-52559-013-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                           |
| 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     | FFC / FPC Connectors                                                                                       |
| Series       | Slider                                                                                                     |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 16 Circuits, Gold Plating |
| Product Name | Easy-On                                                                                                    |
| UPC          | 822348533855                                                                                               |

### Agency

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

### Electrical

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

### Physical

|                   |        |
|-------------------|--------|
| Actuator Type     | Slider |
| Circuits (Loaded) | 16     |

|                                |                       |
|--------------------------------|-----------------------|
| Contact Position               | N/A                   |
| Durability (mating cycles max) | 20                    |
| Flammability                   | 94V-0                 |
| Mated Height                   | 3.90mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 232.046/mg            |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | Yes                   |
| Pitch - Mating 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>15020</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15120</u> |

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This document was generated on Sep 24, 2025