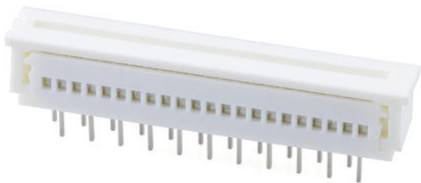




**Part Number :** [39532225](#)  
**Product Description :** 1.25mm Pitch Easy-On FFC/  
FPC Connector, Through-Hole, Vertical, ZIF, 22 Circuits  
**Series Number :** 5597  
**Status :** Active  
**Product Category :** FFC / FPC Connectors  
**Engineering Number :** 5597-22CPB7F



## Documents & Resources

### Drawings

[039532225 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[2297470000-AS-JP.pdf](#)

[SPK-5597-001-001.pdf](#)

[PS-5597-004-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                              |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(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       | 5597                                                                             |
| Description  | 1.25mm Pitch Easy-On FFC/FPC Connector, Through-Hole, Vertical, ZIF, 22 Circuits |
| Product Name | Easy-On                                                                          |
| UPC          | 822348190171                                                                     |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 200V |

### Physical

|                   |         |
|-------------------|---------|
| Actuator Type     | Slider  |
| Circuits (Loaded) | 22      |
| Color - Resin     | Natural |
| Contact Position  | N/A     |

|                                |                 |
|--------------------------------|-----------------|
| Durability (mating cycles max) | 30              |
| Flammability                   | 94V-0           |
| Mated Height                   | 7.50mm          |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin-Bismuth     |
| Material - Plating Termination | Tin-Bismuth     |
| Material - Resin               | Polyester       |
| Net Weight                     | 1924.210/mg     |
| Orientation                    | Vertical        |
| Packaging Type                 | Tray            |
| PCB Locator                    | No              |
| PCB Mounting                   | Through Hole    |
| PCB Retention                  | None            |
| PC Tail Length                 | 3.50mm          |
| Pitch - Mating Interface       | 1.25mm          |
| Plating min - Mating           | 1.016µm         |
| Plating min - Termination      | 1.016µm         |
| Polarized to PCB               | No              |
| Stackable                      | No              |
| Temperature Range - Operating  | -20° to +80°C   |
| Wire/Cable Type                | FFC/FPC         |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| 1.25mm Pitch Premo-Flex FFC Jumpers | <u>15168</u> |
| 1.25mm Pitch Premo-Flex FFC Jumpers | <u>15268</u> |
| 1.25mm Pitch Premo-Flex FFC Jumpers | <u>98268</u> |