



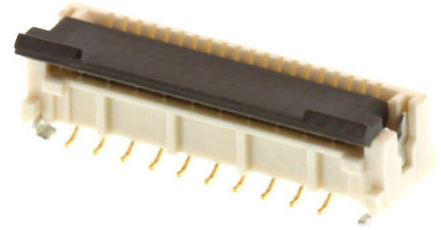
**Part Number :** [5019514930](#)

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 49 Circuits, Phosphor Bronze, Gold Plating

**Series Number :** 501951

**Status :** Active

**Product Category :** FFC / FPC Connectors



---

## Documents and Resources

### Drawings

[5019514930\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications


[5019519200-201.pdf](#)

[5019510005-PS-000.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 | 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     | FFC / FPC Connectors  |
| Series       | V-Flip  |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 49 Circuits, Phosphor Bronze, Gold Plating |
| Product Name | Easy-On   |
| UPC          | 191128826075  |

### Agency

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

### Electrical

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

### Physical

|                   |            |
|-------------------|------------|
| Actuator Type     | Front Flip |
| Circuits (Loaded) | 49         |
| Color - Resin     | White      |

|                                |                              |
|--------------------------------|------------------------------|
| Contact Position               | N/A                          |
| Durability (mating cycles max) | 20                           |
| Flammability                   | 94V-0                        |
| Mated Height                   | 4.05mm                       |
| Material - Metal               | Phosphor Bronze              |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Gold                         |
| Material - Resin               | Liquid Crystal Polymer (LCP) |
| Net Weight                     | 580.650/mg                   |
| Orientation                    | Vertical                     |
| Packaging Type                 | Embossed Tape on Reel        |
| PCB Locator                    | No                           |
| PCB Mounting                   | Surface Mount                |
| PCB Retention                  | No                           |
| Pitch - Mating Interface       | 0.50mm                       |
| Pitch - Termination Interface  | 0.50mm                       |
| Plating min - Mating           | 0.102µm                      |
| Plating min - Termination      | 0.102µm                      |
| Polarized to PCB               | No                           |
| Stackable                      | No                           |
| Temperature Range - Operating  | -40° to +85°C                |
| Wire/Cable Type                | FFC/FPC                      |

---

## 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> |

---

This document was generated on Apr 27, 2026