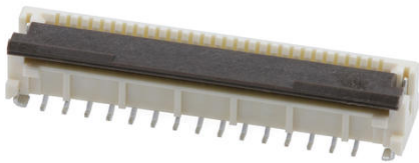




**Part Number :** [5019513000](#)  
**Product Description :** Easy-On FFC/FPC Connector,  
0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height,  
30 Circuits, Copper Alloy, Tin-Bismuth Plating  
**Series Number :** 501951  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

### Drawings

[5019513000\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[5019519200-201.pdf](#)

[PS-501951-001-001.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

## 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, 30 Circuits, Copper Alloy, Tin-Bismuth Plating |
| Comments     | Actuator Color is Brown                                                                                                         |
| Product Name | Easy-On                                                                                                                         |
| UPC          | 822350330749                                                                                                                    |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.4A |
| Voltage - Maximum             | 50V  |

### Physical

|               |            |
|---------------|------------|
| Actuator Type | Front Flip |
|---------------|------------|

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 30                     |
| Color - Resin                  | White                  |
| Contact Position               | N/A                    |
| Durability (mating cycles max) | 20                     |
| Flammability                   | 94V-0                  |
| Mated Height                   | 4.05mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Tin-Bismuth            |
| Material - Plating Termination | Tin-Bismuth            |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 382.701/mg             |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | No                     |
| PCB Mounting                   | Surface Mount          |
| PCB Retention                  | Yes                    |
| Pitch - Mating Interface       | 0.50mm                 |
| Pitch - Termination Interface  | 0.50mm                 |
| Plating min - Mating           | 1.016µm                |
| Plating min - Termination      | 1.016µm                |
| Polarized to PCB               | No                     |
| Stackable                      | No                     |
| Temperature Range - Operating  | -25° 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="#">15366</a></u> |
| 0.50mm Pitch Premo-Flex FFC         |                              |

|         |              |
|---------|--------------|
| Jumpers | <u>98266</u> |
|---------|--------------|