



**Part Number :** [5019517010](#)  
**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 70 Circuits, Copper Alloy, Gold Plating  
**Series Number :** 501951  
**Status :** Not Recommended For New Design  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

## Product Environment Compliance

### Compliance

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                      |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                         |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                   |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025)                                       |
| EU RoHS            | Compliant per EU 2015/863                                                            |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

## Part Details

### General

|              |                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                                                           |
| Category     | FFC / FPC Connectors                                                                                                     |
| Series       | 501951                                                                                                                   |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 70 Circuits, Copper Alloy, Gold Plating |
| Series Name  | V-Flip                                                                                                                   |
| Comments     | Actuator Color is Brown                                                                                                  |
| Product Name | Easy-On                                                                                                                  |
| UPC          | 800756722320                                                                                                             |

## Agency

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

## Electrical

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

## Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Front Flip             |
| Circuits (Loaded)              | 70                     |
| 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      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 719.835/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          | 0.102μm       |
| Plating min - Termination     | 0.102μm       |
| Polarized to PCB              | No            |
| Stackable                     | No            |
| Temperature Range - Operating | -25° to +85°C |
| Wire/Cable Type               | FFC/FPC       |