



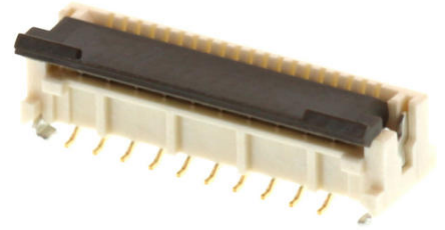
**Part Number :** [5019512010](#)

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

**Series Number :** 501951

**Status :** Obsolete

**Product Category :** FFC / FPC Connectors



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## Documents and Resources

### Drawings

[5019512010\\_sd.pdf](#)

### Specifications

[5019519200-201.pdf](#)

[PS-501951-002-001.pdf](#)

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## 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)6375-DC (05 Nov 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       | Obsolete                                                                                                                 |
| Category     | FFC / FPC Connectors                                                                                                     |
| Series       | V-Flip                                                                                                                   |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 20 Circuits, Copper Alloy, Gold Plating |
| Comments     | Actuator Color is Brown                                                                                                  |
| Product Name | Easy-On                                                                                                                  |
| UPC          | 822350672290                                                                                                             |

### Agency

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

### Electrical

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

### Physical

|                                |            |
|--------------------------------|------------|
| Actuator Type                  | Front Flip |
| Circuits (Loaded)              | 20         |
| 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                     | 285.282/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                |

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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> |