



**Part Number :** [5051105191](#)

**Product Description :** Easy-On FFC/FPC Connector  
0.50mm Pitch, FD19 Series, Right-Angle, Bottom  
Contact, 1.90mm Height, 51 Circuits, Gold over Nickel  
Plating

**Series Number :** 505110

**Status :** Active

**Product Category :** FFC / FPC Connectors



## Documents and Resources

### Drawings

[5051105191\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[5051109200-200.pdf](#)

[5051100000-PS-000.pdf](#)

[2005280300-TS-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

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## Part Details

### General

|              |                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                    |
| Category     | FFC / FPC Connectors                                                                                                                      |
| Series       | FD19                                                                                                                                      |
| Description  | Easy-On FFC/FPC Connector<br>0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 51 Circuits, Gold over Nickel Plating |
| Comments     | Black Actuator                                                                                                                            |
| Product Name | Easy-On                                                                                                                                   |
| UPC          | 191128824439                                                                                                                              |

### Agency

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

### Electrical

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

### Physical

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

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 51                     |
| Color - Resin                  | Beige                  |
| Contact Position               | Bottom                 |
| Durability (mating cycles max) | 20                     |
| Flammability                   | 94V-0                  |
| Mated Height                   | 1.90mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 377.700/mg             |
| Orientation                    | Right Angle            |
| 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           | 0.051µm                |
| Plating min - Termination      | 0.051µm                |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |
| Temperature Range - Operating  | -40° to +105°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>15120</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers with Ears | <u>15018</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers           | <u>15020</u> |

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