



**Part Number :** [5051104696](#)

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 46 Circuits, 150°C Operating Temperature, Gold over Nickel Plating

**Series Number :** 505110

**Status :** Active

**Product Category :** FFC / FPC Connectors



---

## Documents & Resources

### Drawings

[5051104696 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[5051109200-200.pdf](#)


[5051100008-PS-000.pdf](#)

[2005280300-TS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Compliant with Exemption 44; 33; 34  |
| China RoHS         | <br>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(2024)6225-DC (07 Nov 2024)   |
| 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       | FD19   |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 46 Circuits, 150°C Operating Temperature, Gold over Nickel Plating |
| Comments     | Black Actuator   |
| Product Name | Easy-On  |
| UPC          | 191128824361   |

### Agency

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

### Electrical

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

### Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Front Flip             |
| Circuits (Loaded)              | 46                     |
| Color - Resin                  | Beige                  |
| Contact Position               | Bottom                 |
| Durability (mating cycles max) | 20                     |
| Flammability                   | 94V-0                  |
| Mated Height                   | 1.90mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 344.800/mg             |
| Orientation                    | Right Angle            |
| 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           | 0.051µm                |
| Plating min - Termination      | 0.051µm                |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |
| Temperature Range - Operating  | -40° to +150°C         |
| Wire/Cable Type                | FFC/FPC                |