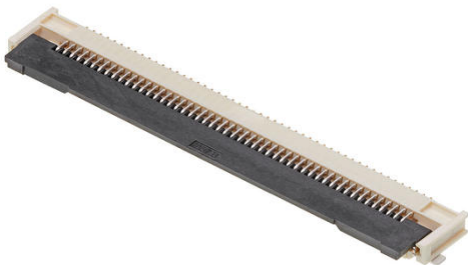




**Part Number :** [5051105091](#)  
**Product Description :** Easy-On FFC/FPC Connector  
0.50mm Pitch, FD19 Series, Right-Angle, Bottom  
Contact, 1.90mm Height, 50 Circuits, Gold over Nickel  
Plating  
**Series Number :** 505110  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

### Drawings

[5051105091\\_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         | <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(2025)4165-DC<br>(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       | FD19                                                                                                                                      |
| Description  | Easy-On FFC/FPC Connector<br>0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 50 Circuits, Gold over Nickel Plating |
| Comments     | Black Actuator                                                                                                                            |
| Product Name | Easy-On                                                                                                                                   |
| UPC          | 887191626345                                                                                                                              |

### Electrical

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

### Physical

|                   |            |
|-------------------|------------|
| Actuator Type     | Front Flip |
| Circuits (Loaded) | 50         |
| Color - Resin     | Beige      |
| Contact Position  | Bottom     |

|                                |                        |
|--------------------------------|------------------------|
| Durability (mating cycles max) | 20                     |
| Mated Height                   | 1.90mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 394.100/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 +105°C         |
| Wire/Cable Type                | FFC/FPC                |

---

## Mates With / Use With

### Mates with Part(s)

| Description                                   | Part Number  |
|-----------------------------------------------|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers with Ears | <u>15018</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers           | <u>15020</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers           | <u>15120</u> |

---

This document was generated on Sep 13, 2025