



**Part Number :** [5051104691](#)  
**Product Description :** Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 46 Circuits, Gold over Nickel Plating  
**Series Number :** 505110  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources


**Drawings**  
[5051104691\\_sd.pdf](#)

**3D Models and Design Files**  
[5051104691\\_stp.zip](#)

**Specifications**  
[5051109200-200.pdf](#)  
[5051100000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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	Active
Category	FFC / FPC Connectors
Series	505110
Description	Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 46 Circuits, Gold over Nickel Plating
Series Name	FD19
Comments	Black Actuator
Product Name	Easy-On
UPC	191128824354

#### Electrical

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

#### Physical

Actuator Type	Front Flip
Circuits (Loaded)	46
Circuits (maximum)	46
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	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 +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 Apr 26, 2025