



Part Number : [5051104191](#)
Product Description : Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 41 Circuits, Gold over Nickel Plating
Series Number : 505110
Status : Active
Product Category : FFC / FPC Connectors



Documents & Resources


Drawings
[5051104191_sd.pdf](#)

3D Models and Design Files
[5051104191_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, 41 Circuits, Gold over Nickel Plating |
| Series Name | FD19 |
| Comments | Black Actuator |
| Product Name | Easy-On |
| UPC | 191128824279 |

Electrical

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

Physical

| | |
|--------------------------------|------------------------|
| Actuator Type | Front Flip |
| Circuits (Loaded) | 41 |
| 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 | 311.900/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> |

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