



Part Number : [5051106891](#)

**Product Description :** Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 68 Circuits, Gold over Nickel Plating

Series Number : 505110

Status : Active

Product Category : FFC / FPC Connectors

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## Documents & Resources

### Drawings

[Drawing 5051106891\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5051106891\\_stp.zip](#)

### Specifications


[Packaging Specification 5051109200-200.pdf](#)

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

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## 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(2023)8585-DC (23 Jan 2024)
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

## 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, 68 Circuits, Gold over Nickel Plating
Series Name	FD19
Comments	Black Actuator
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	889056229371

### Electrical

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

### Physical

Actuator Type	Front Flip
Circuits (Loaded)	68
Circuits (maximum)	68
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	519.680/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

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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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This document was generated on Jul 07, 2024