



Part Number : [5051104591](#)
Product Description : Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 45 Circuits, Gold over Nickel Plating
Series Number : 505110
Status : Active
Product Category : FFC / FPC Connectors



Documents & Resources

Drawings
[5051104591_sd.pdf](#)

3D Models and Design Files
[5051104591_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, 45 Circuits, Gold over Nickel Plating
Series Name	FD19
Comments	Black Actuator
Product Name	Easy-On
UPC	887191626338

Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	45
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	359.000/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 Mar 21, 2025