



Part Number : [5051470390](#)

Product Description : 2.00mm Pitch Easy-On Flexi-Latch FPC-to-Board Connector, Right-Angle, Surface Mount, Positive Inertia Lock, 3 Circuits

Series Number : 505147

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings

[Drawing 5051470390_sd.pdf](#)

3D Models and Design Files

[3D Model 5051470390_stp.zip](#)


Specifications

[Packaging Specification 5051479200-200.pdf](#)

[Product Specification 5051470000-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	505147
Description	2.00mm Pitch Easy-On Flexi-Latch FPC-to-Board Connector, Right-Angle, Surface Mount, Positive Inertia Lock, 3 Circuits
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	887191676296

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Actuator Type	Flexi-Latch
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	25
Flammability	94V-0
Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer

Net Weight	472.990/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C
Wire/Cable Type	FPC only

Use with Part(s)

Description	Part Number
2.00mm Pitch Flexi-Latch FPC-to-Board Plug Jacket, 3 Circuits	/content/molex/molex-dot-com/us/en/products/product-page.html/5051480308.html