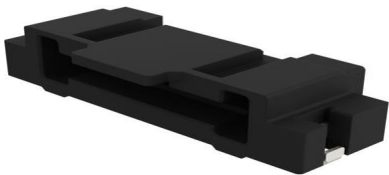




**Part Number :** [5051470490](#)  
**Product Description :** Easy-On Flexi-Latch FPC-to-Board Connector, 2.00mm Pitch, Right-Angle, Surface Mount, Positive Inertia Lock, 4 Circuits  
**Series Number :** 505147  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents and Resources

### Drawings

[5051470490\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[5051479200-200.pdf](#)

[5051470000-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                          |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

### [Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|                |                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                  |
| Category       | FFC / FPC Connectors                                                                                                    |
| Series         | 505147                                                                                                                  |
| Description    | Easy-On Flexi-Latch FPC-to-Board Connector, 2.00mm Pitch, Right-Angle, Surface Mount, Positive Inertia Lock, 4 Circuits |
| Component Type | Receptacle                                                                                                              |
| Product Name   | Easy-On                                                                                                                 |
| UPC            | 887191676302                                                                                                            |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

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

### Physical

|                   |             |
|-------------------|-------------|
| Actuator Type     | Flexi-Latch |
| Circuits (Loaded) | 4           |
| 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 (LCP) |
| Net Weight                     | 528.169/mg                   |
| Orientation                    | Right Angle                  |
| Packaging Type                 | Embossed Tape on Reel        |
| PCB Locator                    | No                           |
| PCB Mounting                   | Surface Mount                |
| PCB Retention                  | No                           |
| 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                     |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                       | Part Number                       |
|-------------------------------------------------------------------|-----------------------------------|
| Easy-On Flexi-Latch FPC-to-Board Jacket, 2.00mm Pitch, 4 Circuits | <u><a href="#">5051480408</a></u> |

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