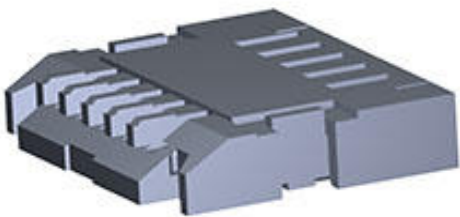




**Part Number :** [5014610591](#)  
**Product Description :** 0.50mm Pitch Easy-On Back Flip FPC Connector, Right-Angle, Surface Mount, Bottom Contact Style, 0.80mm Mated Height, 5 Circuits  
**Series Number :** 501461  
**Status :** Not Recommended For New Design  
**Product Category :** FFC / FPC Connectors



## Documents and Resources

### Drawings

[5014610591\\_sd.pdf](#)

### Specifications

[AS-501461-003-001.pdf](#)

[SPK-501461-001-001.pdf](#)

[PS-501461-005-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                         |
| 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       | Not Recommended For New Design                                                                                                  |
| Category     | FFC / FPC Connectors                                                                                                            |
| Series       | 501461                                                                                                                          |
| Description  | 0.50mm Pitch Easy-On Back Flip FPC Connector, Right-Angle, Surface Mount, Bottom Contact Style, 0.80mm Mated Height, 5 Circuits |
| Product Name | Easy-On                                                                                                                         |
| UPC          | 887191456195                                                                                                                    |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum             | 50V  |

### Physical

|                                |              |
|--------------------------------|--------------|
| Actuator Type                  | Back Flip    |
| Circuits (Loaded)              | 5            |
| Contact Position               | Bottom       |
| Durability (mating cycles max) | 20           |
| Mated Height                   | 0.80mm       |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Gold         |
| Material - Plating Termination | Gold         |
| Net Weight                     | 18.156/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                |
| Polarized to PCB              | Yes                   |
| Stackable                     | No                    |
| Temperature Range - Operating | -40° to +105°C        |
| Wire/Cable Type               | FPC only              |

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This document was generated on May 05, 2026