



**Part Number :** [5025984193](#)  
**Product Description :** 0.30mm Pitch Easy-On Back Flip FPC Connector, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 41 Circuits  
**Series Number :** 502598  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



Documents & Resources

**Drawings**  
[5025984193\\_sd.pdf](#)

**3D Models and Design Files**  
[5025984193\\_stp.zip](#)

**Specifications**  
[SPK-502598-001-001.pdf](#)  
[PS-502598-002-001.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)6225-DC (07 Nov 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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                         |
| Category     | FFC / FPC Connectors                                                                                                           |
| Series       | 502598                                                                                                                         |
| Description  | 0.30mm Pitch Easy-On Back Flip FPC Connector, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 41 Circuits |
| Product Name | Easy-On                                                                                                                        |
| UPC          | 887191391915                                                                                                                   |

#### Electrical

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

#### Physical

|                                |                       |
|--------------------------------|-----------------------|
| Actuator Type                  | Back Flip             |
| Circuits (Loaded)              | 41                    |
| Color - Resin                  | Black, White          |
| Contact Position               | Dual                  |
| Durability (mating cycles max) | 10                    |
| Mated Height                   | 1.15mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 105.370/mg            |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |

|                               |                |
|-------------------------------|----------------|
| PCB Retention                 | Yes            |
| Pitch - Mating Interface      | 0.30mm         |
| Polarized to PCB              | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |
| Wire/Cable Type               | FPC only       |

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## Mates With / Use With

### Mates with Part(s)

| Description                                             | Part Number  |
|---------------------------------------------------------|--------------|
| 0.30mm Pitch Premo-Flex Etched Copper Polyimide Jumpers | <u>15015</u> |