

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5025985193**  
**Status:** **Active**  
**Overview:** Easy-On FFC FPC Connectors  
**Description:** 0.30mm Pitch Easy-On Back Flip FPC Connector, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 51 Circuits

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model (PDF)</a> | <a href="#">Product Specification PS-502598-002-001 (PDF)</a>    |
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification SPK-502598-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**General**

|                |                            |
|----------------|----------------------------|
| Product Family | FFC/FPC Connectors         |
| Series         | 502598                     |
| Overview       | Easy-On FFC FPC Connectors |
| Product Name   | Easy-On                    |
| UPC            | 887191145891               |

**Physical**

|                                |                               |
|--------------------------------|-------------------------------|
| Actuator Type                  | Back Flip                     |
| Circuits (Loaded)              | 51                            |
| Color - Resin                  | Black, White                  |
| Contact Position               | Dual                          |
| Durability (mating cycles max) | 10                            |
| Mated Height                   | 1.15mm                        |
| Material - Metal               | Copper Alloy, Phosphor Bronze |
| Material - Plating Mating      | Gold                          |
| Material - Plating Termination | Gold                          |
| Net Weight                     | 121.711/mg                    |
| Number of Rows                 | 1                             |
| Orientation                    | Right Angle                   |
| PCB Locator                    | No                            |
| PCB Mounting                   | Surface Mount                 |
| PCB Retention                  | Yes                           |
| Packaging Type                 | Embossed Tape on Reel         |
| Pitch - Mating Interface       | 0.30mm                        |
| Polarized to PCB               | Yes                           |
| Stackable                      | No                            |
| Temperature Range - Operating  | -40° to +105°C                |
| Wire/Cable Type                | FPC only                      |

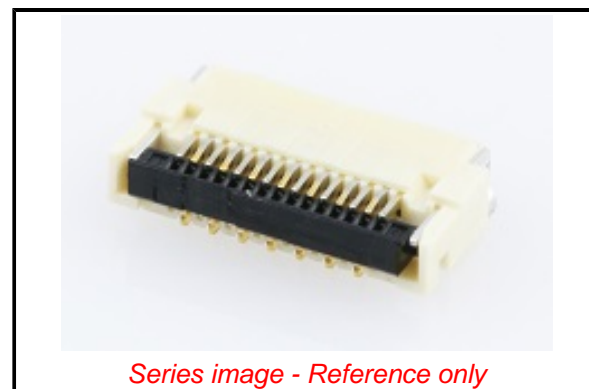
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | SPK-502598-001-001   |
| Product Specification   | PS-502598-002-001  |
| Sales Drawing           | SD-502598-003-001, SD-502598-004-001,<br>SD-502598-004-002 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

502598 Series

**Mates With**

15015 0.30mm Pitch Premo-Flex Etched  
Polyimide Jumper

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[502598-5193](#)