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



## Documents and Resources

### Drawings

5025984193_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

SPK-502598-001-001.pdf

PS-502598-002-001.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

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- 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | FFC / FPC Connectors |
| Series | 502598 |
| Description | Easy-On Back Flip FPC Connector, 0.30mm Pitch, 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 |

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

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 0.30mm Pitch Premo-Flex Etched Copper Polyimide Jumpers | 15015 |



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