



Part Number : [5025984593](#)

Product Description : Easy-On Back Flip FPC Connector, 0.30mm Pitch, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 45 Circuits

Series Number : 502598

Status : Active

Product Category : FFC / FPC Connectors



Documents and Resources

Drawings

[5025984593_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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


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)6375-DC (05 Nov 2025) |
| 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 | 502598 |
| Description | Easy-On Back Flip FPC Connector, 0.30mm Pitch, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 45 Circuits |
| Product Name | Easy-On |
| UPC | 887191145907 |

Electrical

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

Physical

| | |
|--------------------------------|--------------|
| Actuator Type | Back Flip |
| Circuits (Loaded) | 45 |
| 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 | 108.887/mg |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | None |
| 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 | <u>15015</u> |

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