



**Part Number :** [5025985193](#)

**Product Description :** Easy-On Back Flip FPC Connector, 0.30mm Pitch, Right-Angle, Surface Mount, Dual Contact Style, 1.15mm Mated Height, 51 Circuits

**Series Number :** 502598

**Status :** Active

**Product Category :** FFC / FPC Connectors



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## Documents and Resources

### Drawings

[5025985193\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[SPK-502598-001-001.pdf](#)

[PS-502598-002-001.pdf](#)

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## 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	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, 51 Circuits
Product Name	Easy-On
UPC	887191145891

### Electrical

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

### 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	Phosphor Bronze

Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	121.711/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

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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>

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