



**Part Number :** [512963494](#)  
**Product Description :** 0.50mm Pitch Easy-On FFC/FPC Connector, 1.30mm Height, Right-Angle, Surface Mount, ZIF, Bottom Contact Style, 34 Circuits, Gold (Au) Contact Plating  
**Series Number :** 51296  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources


**Drawings**  
[512963494\\_sd.pdf](#)

**3D Models and Design Files**  
[512963494\\_stp.zip](#)

**Specifications**  
[SPK-51296-007-001.pdf](#)  
[PS-51296-003-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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	51296
Description	0.50mm Pitch Easy-On FFC/FPC Connector, 1.30mm Height, Right-Angle, Surface Mount, ZIF, Bottom Contact Style, 34 Circuits, Gold (Au) Contact Plating
Product Name	Easy-On
UPC	822348867516

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

#### Physical

Actuator Type	Front Flip
Circuits (Loaded)	34
Color - Resin	Beige, Black
Contact Position	Bottom
Durability (mating cycles max)	20
Mated Height	1.30mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	168.001/mg

Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	FFC/FPC

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15020</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15120</u>