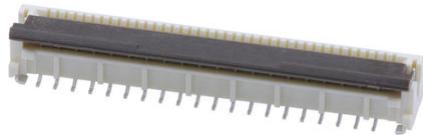




**Part Number :** 5019514000

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 40 Circuits, Copper Alloy, Tin-Bismuth Plating



**Series Number :** 501951

**Status :** Active

**Product Category :** FFC / FPC Connectors

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## Documents and Resources

### Drawings

[5019514000\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[5019519200-201.pdf](#)

[PS-501951-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	ⓘ per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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

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## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	V-Flip
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 40 Circuits, Copper Alloy, Tin-Bismuth Plating
Comments	Actuator Color is Brown
Product Name	Easy-On
UPC	822350330756

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	0.4A
Voltage - Maximum	50V

### Physical

Actuator Type	Front Flip
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Circuits (Loaded)	40
Color - Resin	White
Contact Position	N/A
Durability (mating cycles max)	20
Flammability	94V-0
Mated Height	4.05mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	479.901/mg
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	None
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	FFC/FPC

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex FFC Jumpers	<a href="#"><u>15166</u></a>
0.50mm Pitch Premo-Flex FFC Jumpers	<a href="#"><u>15266</u></a>
0.50mm Pitch Premo-Flex FFC Jumpers	<a href="#"><u>15366</u></a>
0.50mm Pitch Premo-Flex FFC	<a href="#"><u>98266</u></a>

Jumpers	
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This document was generated on Dec 20, 2025