



Part Number : 5019513230

Series Number : 501951

Product Category : FFC / FPC Connectors

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 32 Circuits, Phosphor Bronze, Gold Plating

Status : Active

## Documents & Resources

### Drawings

Drawing 5019513230\_sd.pdf

### 3D Models and Design Files

3D Model 5019513230\_stp.zip


### Specifications

Packaging Specification 5019519200-201.pdf

Product Specification 5019510005-PS-000.pdf

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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

## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	501951
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 32 Circuits, Phosphor Bronze, Gold Plating
Series Name	V-Flip
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	191128825740

### Electrical

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

### Physical

Actuator Type	Front Flip
Circuits (Loaded)	32
Color - Resin	White
Contact Position	N/A
Durability (mating cycles max)	20
Mated Height	4.05mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	379.200/mg
Orientation	Vertical
Packaging Type	Embossed Tape on Reel

PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to PCB	No
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>