



Part Number : [5019514500](#)

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 45 Circuits, Copper Alloy, Tin-Bismuth Plating

Series Number : 501951

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings

[Drawing 5019514500_sd.pdf](#)

3D Models and Design Files

[3D Model 5019514500_stp.zip](#)


Specifications

[Packaging Specification 5019519200-201.pdf](#)

[Product Specification PS-501951-001-001.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(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

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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, 45 Circuits, Copper Alloy, Tin-Bismuth Plating
Series Name	V-Flip
Comments	Actuator Color is Brown
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822350330763

Agency

UL	E29179
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Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	45
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	528.281/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	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	<u>15166</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15266</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15366</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>98266</u>