



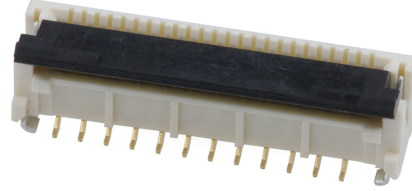
Part Number : [5019512450](#)

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 24 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating

Series Number : 501951

Status : Active

Product Category : FFC / FPC Connectors



Documents & Resources

Drawings

[Drawing 5019512450_sd.pdf](#)

3D Models and Design Files

[3D Model 5019512450_stp.zip](#)

Specifications

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

[Product Specification 5019510008-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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, 24 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating
Series Name	V-Flip
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	191128825603

Agency

UL	E29179
----	--------

Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	24
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	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	284.400/mg
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +125°C
Wire/Cable Type	FFC/FPC

This document was generated on Sep 30, 2024