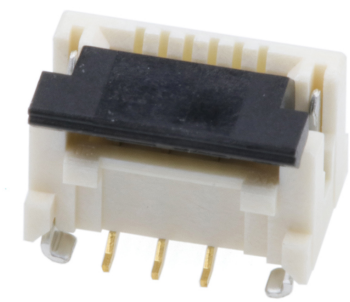




Part Number : [5019510650](#)
Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 6 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating
Series Number : 501951
Status : Active
Product Category : FFC / FPC Connectors



Documents & Resources

Drawings
[5019510650_sd.pdf](#)

3D Models and Design Files
[5019510650_stp.zip](#)

Specifications
[5019519200-201.pdf](#)
[5019510008-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(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, 6 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating
Series Name	V-Flip
Product Name	Easy-On
UPC	191128825245

Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	6
Color - Resin	White
Contact Position	N/A
Durability (mating cycles max)	20
Mated Height	4.05mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	90.322/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