

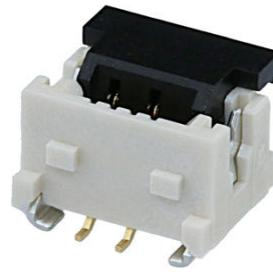
Part Number : 5019510450

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 4 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating

Series Number : 501951

Status : Active

Product Category : FFC / FPC Connectors



Documents & Resources

Drawings

5019510450_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

5019519200-201.pdf

5019510008-PS-000.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS | ⓘ per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 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

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, 4 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating |
| Product Name | Easy-On |
| UPC | 191128825207 |

Electrical

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

Physical

| | |
|--------------------------------|------------|
| Actuator Type | Front Flip |
| Circuits (Loaded) | 4 |
| 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 | 67.408/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 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15120</u> |

This document was generated on Sep 16, 2025