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Part Number: [5019514500](#)
Status: **Active**
Overview: Easy-On FFC FPC Connectors
Description: Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 45 Circuits, Copper Alloy, Tin-Bismuth Plating

Documents:

| | |
|---|--|
| Drawing (PDF) | Datasheet (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-501951-001-001 (PDF) | Reference Guide (PDF) |
| Packaging Specification 5019519200-201 (PDF) | |

Agency Certification

UL E29179

General

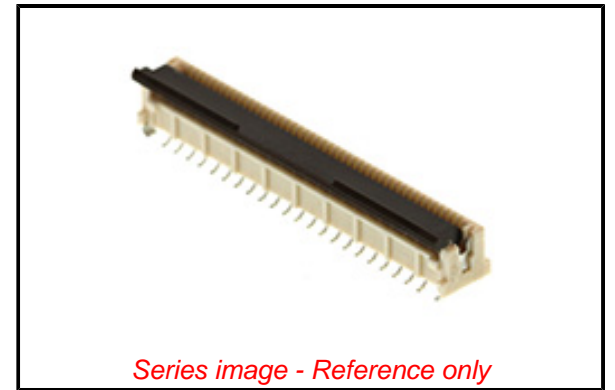
| | |
|----------------|--|
| Product Family | FFC/FPC Connectors |
| Series | 501951 |
| Comments | Actuator Color is Brown |
| Overview | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| Series Name | V-Flip |
| UPC | 822350330763 |

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 |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| 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 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25° to +85°C |
| Wire/Cable Type | FFC/FPC |

Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501951](#) Series

Mates With

Premo-Flex FFC Cable [15166](#) , [98266](#) ,
[15266](#) , [15366](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

5019519200-201

Product Specification

PS-501951-001-001

Sales Drawing

SD-501951-001-001, SD-501951-002-001

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