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**Part Number:** [5019514010](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch Easy-On FFC/FPC Connector, Vertical, Surface Mount, Copper Alloy Contacts, Gold Plating, 40 Circuits

**Documents:**

[3D Model](#) [Packaging Specification 5019519200-201 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501951-002-001 \(PDF\)](#)

**Agency Certification**

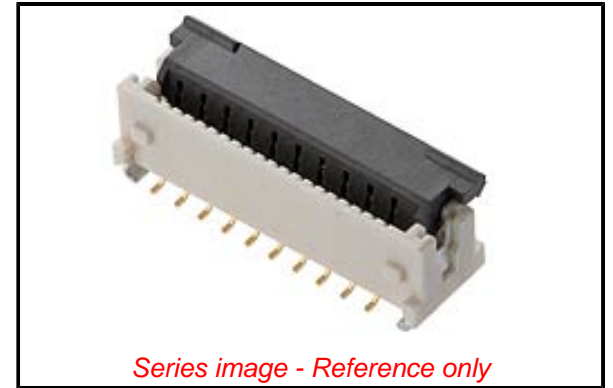
UL E29179

**General**

Product Family FFC/FPC Connectors  
Series [501951](#)  
Comments Actuator Color is Brown  
Data Load Status Collected FY08-Verified FY08  
Doc Info - Component E-501951-003\_L, E-501951-004\_G, PS-501951-002\_E, RPS-501951-001\_A, RPS-501951-003\_B, RPS-501951-004\_A, RPS-501951-005\_A, RPS-501951-006  
Made From 0563160028, 5019470018, 5019480018, 5019494008, 5019504009  
Overview [FFC-FPC \(SMT\)](#)  
Product Name Easy-On  
Type Back Flip  
UPC 800756910406

**Physical**

Circuits (Loaded) 40  
Circuits (maximum) 40  
Color - Resin White  
Contact Position N/A  
Durability (mating cycles max) 20  
Entry Angle Vertical  
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 478.661/mg  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 0.50mm  
Pitch - Termination Interface 0.50mm  
Plating min - Mating 0.102µm  
Plating min - Termination 0.102µm  
Polarized to PCB No  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -25°C to +85°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[501951](#) Series

**Mates With**

<a href="http://www.molex.com/product/premoflex\_ffc-fpc.html">Molex Premo-Flex FFC</a>. Be sure to match like plating

Temperature Range NonOperating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

**Electrical**

Current - Maximum per Contact	0.4A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	5019519200-201
Product Specification	PS-501951-002-001
Sales Drawing	SD-501951-003, SD-501951-004

This document was generated on 02/27/2018

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