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Part Number: [5019515000](#)
Status: **Active**
Overview: [FFC-FPC \(SMT\)](#)
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, Vertical, Surface Mount, Copper Alloy Contacts, Tin-Bismuth Plating, 50 Circuits

Documents:

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

Agency Certification

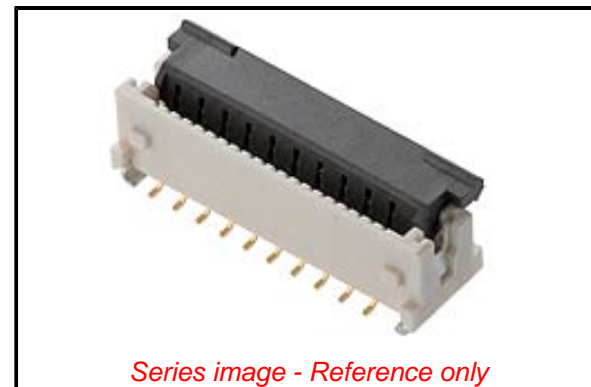
UL E29179

General

Product Family FFC/FPC Connectors
Series [501951](#)
Comments Actuator Color is Brown
Data Load Status Collected FY08-Verified FY08
Doc Info - Component E-501951-001_F, E-501951-002_E, PS-501951-001_C, SD-501951-001_B, SD-501951-002_B
Made From 0563160028, 5019470008, 5019480008, 5019495008, 5019505009
Overview [FFC-FPC \(SMT\)](#)
Product Name Easy-On
Type Back Flip
UPC 822350330770

Physical

Circuits (Loaded) 50
Circuits (maximum) 50
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 Tin-Bismuth
Material - Plating Termination Tin-Bismuth
Material - Resin Liquid Crystal Polymer
Net Weight 577.301/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 1.016µm
Plating min - Termination 1.016µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -25°C to +85°C
Temperature Range NonOperating -25°C to +85°C
Termination Interface: Style Surface Mount



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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501951](#) Series

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-501951-001-001
Sales Drawing	SD-501951-001, SD-501951-002

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