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Part Number: [5019515010](#)
Status: **Active**
Overview: [FFC-FPC \(SMT\)](#)
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, Vertical, Surface Mount, Copper Alloy Contacts, Gold Plating, 50 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

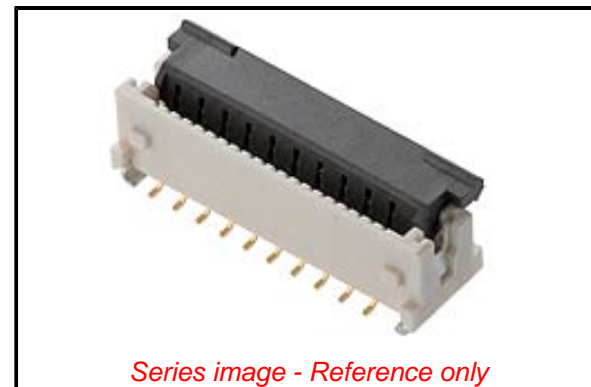
UL E29179

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_J, E-501951-004_F, PS-501951-002_C, RPS-501951-001_A, RPS-501951-002_A, RPS-501951-003_B, RPS-501951-004_A, RPS-501951-005
 Made From 0563160028, 5019470018, 5019480018, 5019495008, 5019505009
 Overview [FFC-FPC \(SMT\)](#)
 Product Name Easy-On
 Type Back Flip
 UPC 822350565233

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 Gold
 Material - Plating Termination Gold
 Material - Resin Liquid Crystal Polymer
 Net Weight 575.751/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
 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

Molex Premo-Flex FFC. Be sure to match like plating

Temperature Range NonOperating	-25°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

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