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**Part Number:** [501951-3000](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Vertical, Surface Mount, Copper Alloy Contacts, Tin-Bismuth Plating, 30 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [501951](#)  
 Comments Actuator Color is Brown  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On™  
 UPC 822350330749

**Physical**

Circuits (Loaded) 30  
 Circuits (maximum) 30  
 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 382.701/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  
 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**

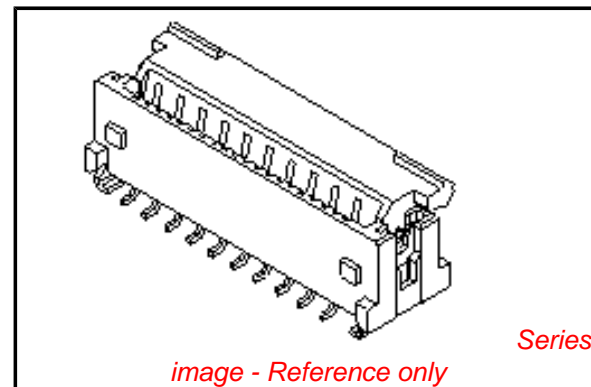


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**

[501951Series](#)

**Mates With**

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

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-501951-001

PS-501951-001, RPS-501951-008, RPS-501951-013

SD-501951-001, SD-501951-002

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