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**Part Number:** [501951-6010](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch Easy-On™ FFC/FPC Connector, Vertical, SMT, Gold Plating, 60 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [501951](#)  
 MolexKits Yes  
 Product Name Easy-On™  
 UPC 822350565240

**Physical**

Circuits (Loaded) 60  
 Circuits (maximum) 60  
 Color - Resin Brown, Natural  
 Contact Position N/A  
 Durability (mating cycles max) 20  
 Entry Angle Vertical  
 Flammability 94V-0  
 Mated Height 4.05mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Net Weight 672.641/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  
 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**

**Reference - Drawing Numbers**

[Packaging Specification](#) SPK-501951-001  
[Product Specification](#) PS-501951-002, RPS-501951-001, RPS-501951-005,  
 RPS-501951-006, RPS-501951-007, RPS-501951-009,  
 RPS-501951-015, RPS-501951-018, RPS-501951-019

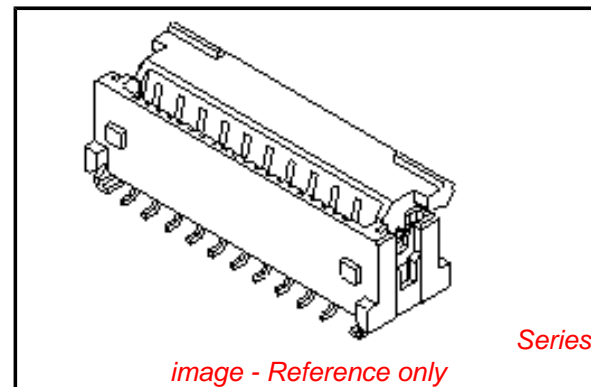


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**EU RoHS**

**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

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