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**Part Number:** [501951-6000](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch Easy-On™ FFC/FPC Connector, Vertical, SMT, Tin-Bismuth Plating, 60 Circuits

**Documents:**

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

**General**

Product Family	FFC/FPC Connectors
Series	<a href="#">501951</a>
Product Name	Easy-On™

**Physical**

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Brown, Natural
Contact Position	N/A
Durability (mating cycles max)	20
Entry Angle	Vertical
Mated Height	4.05mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
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**

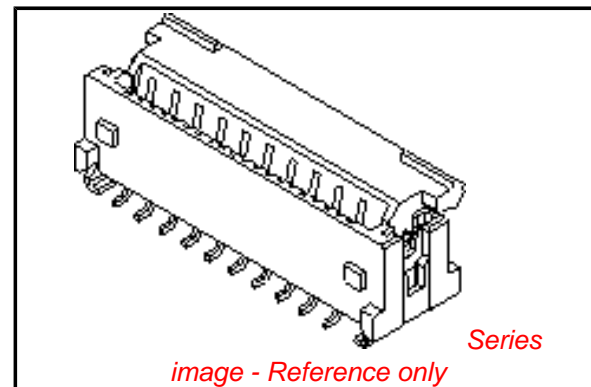
Current - Maximum per Contact	0.4A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

UPC	822350330787
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**Reference - Drawing Numbers**

Packaging Specification	SPK-501951-001
Product Specification	PS-501951-001, RPS-501951-008, RPS-501951-013, RPS-501951-016
Sales Drawing	SD-501951-001, SD-501951-002



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

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**Search Parts in this Series**

501951Series

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