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**Part Number:** [5017865081](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch Easy-On FFC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, with Grounding Terminals, Tin-Bismuth Plating, 50 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501786-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501786-003-001 \(PDF\)](#)

**General**

Product Family [FFC/FPC Connectors](#)  
 Series [501786](#)  
 Comments Requires a custom FFC with notches, Requires a custom FFC with notches  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On  
 UPC 800756937380

**Physical**

Actuator Type [FFC-to-Board](#)  
 Circuits (Loaded) 50  
 Color - Resin Black  
 Contact Position N/A  
 Durability (mating cycles max) 20  
 Mated Height 11.95mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 684.600/mg  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Mounting Surface Mount  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -40° to +85°C  
 Wire/Cable Type FFC only

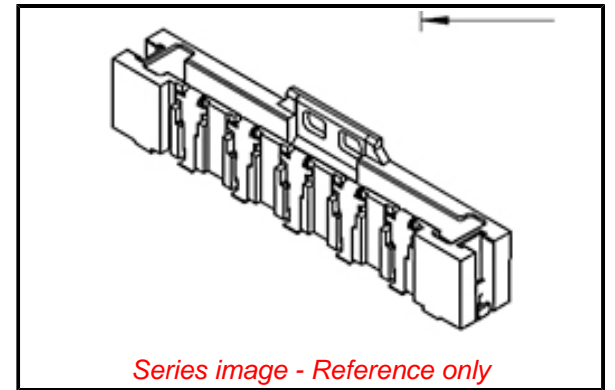
**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

[Packaging Specification SPK-501786-001-001](#)  
[Product Specification PS-501786-003-001](#)  
[Sales Drawing SD-501786-010, SD-501786-011](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501786 Series](#)

**Use With**

Plug Jacket [5031505009](#) . Plug Jacket  
 Cover [5031515009](#) <br>LVDS Cable [15022](#)

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