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**Part Number:** [5017863091](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, with Grounding terminals, 30 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501786-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501786-004 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [501786](#)  
 Comments Requires a custom FFC with notches  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On™  
 UPC 822350663366

**Physical**

Circuits (Loaded) 30  
 Color - Resin Black  
 Contact Position N/A  
 Durability (mating cycles max) 20  
 Entry Angle Vertical  
 Mated Height 8.95mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Net Weight 543.870/mg  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC only

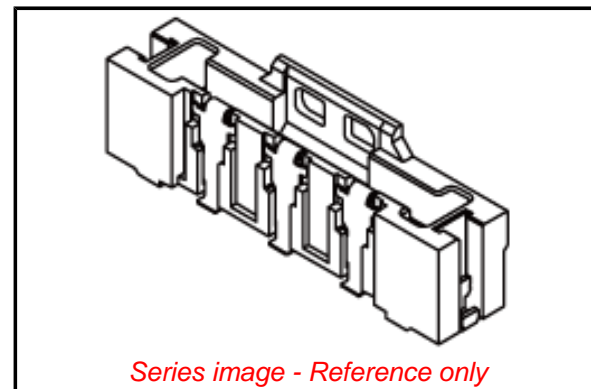
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-501786-001  
 Product Specification PS-501786-004, RPS-501786-001, RPS-501786-008  
 Sales Drawing SD-501786-008, SD-501786-009



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
 ELV

Green Image  
 Not Relevant

**Search Parts in this Series**

[501786](#) Series

**Use With**

[501783-3009](#) Plug Jacket . [501784-3008](#)  
 Plug Jacket Cover