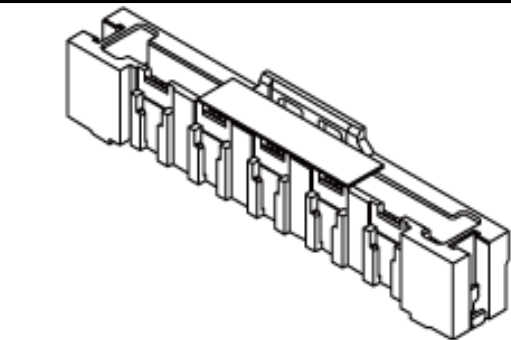


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**Part Number:** [5017865090](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, without Grounding terminals, 50 Circuits



Series image - Reference only

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

**General**  
Product Family FFC/FPC Connectors  
Series [501786](#)  
Comments Requires a custom FFC with notches  
Overview [FFC-FPC \(SMT\)](#)  
Product Name Easy-On™  
UPC 822350307659

**Physical**  
Circuits (Loaded) 50  
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 587.500/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 +85°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-501786-001, RPS-501786-002, RPS-501786-003, RPS-501786-006, RPS-501786-013  
Sales Drawing SD-501786-001, SD-501786-002

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Contains SVHC(2014 December 17): No  
**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 Green Image  
ELV Not Relevant

**Search Parts in this Series**  
[501786](#) Series

**Use With**  
[503150-5009](#) Plug Jacket . [503151-5009](#) Plug Jacket Cover