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**Part Number:** [5019124590](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.30mm Pitch Easy-On™ Type FPC Connector, Right Angle, Surface Mount, Bottom Contact Style, 1.80mm Mated Height, 45 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501912-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501912-001 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [501912](#)  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On™  
 UPC 822350342667

**Physical**

Circuits (Loaded) 45  
 Circuits (maximum) 45  
 Color - Resin Black, Natural  
 Contact Position Bottom  
 Durability (mating cycles max) 20  
 Entry Angle 90° Angle  
 Mated Height 1.80mm  
 Material - Metal Copper, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 205.728/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.30mm  
 Pitch - Termination Interface 0.30mm  
 Plating min - Mating 0.102µm  
 Plating min - Termination 0.051µm  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FPC only

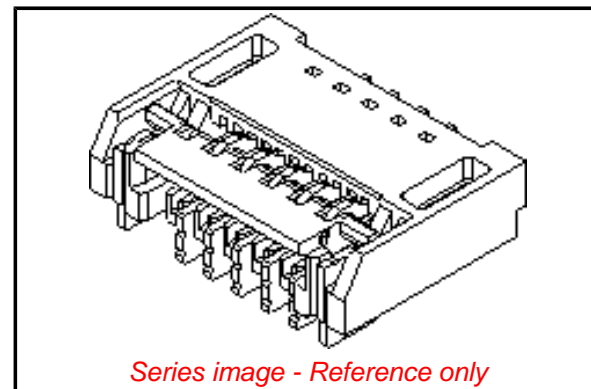
**Electrical**

Current - Maximum per Contact 0.2A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification [SPK-501912-001](#)  
 Product Specification [PS-501912-001](#), [RPS-501912-001](#), [RPS-501912-002](#), [RPS-501912-003](#)  
 Sales Drawing [SD-501912-001](#), [SD-501912-002](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Not 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**

[501912 Series](#)

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