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**Part Number:** [5016165185](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.30mm Pitch Easy-On Type FPC Connector, 1.10mm Mated Height, Right Angle, Surface Mount, ZIF, Top Contact Style, 51 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501616-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501616-003-001 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [501616](#)  
 Overview FFC-FPC (SMT)  
 Product Name Easy-On  
 UPC 822350923378

**Physical**

Circuits (Loaded) 51  
 Color - Resin Black, Gray  
 Contact Position Top  
 Durability (mating cycles max) 10  
 Entry Angle 90° Angle  
 Mated Height 1.10mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Net Weight 140.224/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.30mm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FPC only

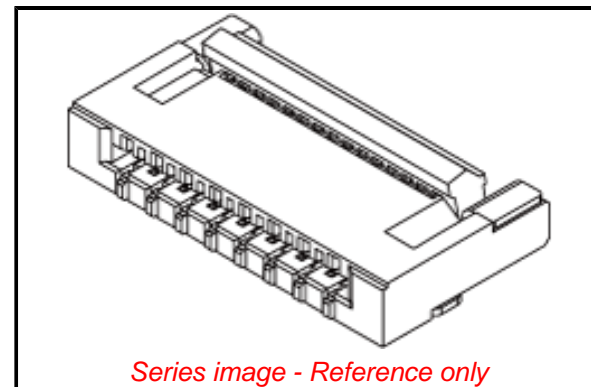
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-501616-001-001  
 Product Specification PS-501616-003-001  
 Sales Drawing SD-501616-007, SD-501616-008



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501616 Series](#)