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**Part Number:** **0512961894**  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On FFC/FPC Connector, 1.30mm Height, Right-Angle, Surface Mount, ZIF, Bottom Contact Style, 18 Circuits, Gold (Au) Contact Plating

**Documents:**

[3D Model](#) [Packaging Specification SPK-51296-007-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51296-003-001 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
Series 51296  
Overview FFC-FPC (SMT)  
Product Name Easy-On  
UPC 822348727599

**Physical**

Actuator Type Flip  
Circuits (Loaded) 18  
Color - Resin Beige, Black  
Contact Position Bottom  
Durability (mating cycles max) 20  
Mated Height 1.30mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Net Weight 107.951/mg  
Number of Rows 1  
Orientation Right Angle  
PCB Locator No  
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°C to +85°C  
Wire/Cable Type FFC/FPC

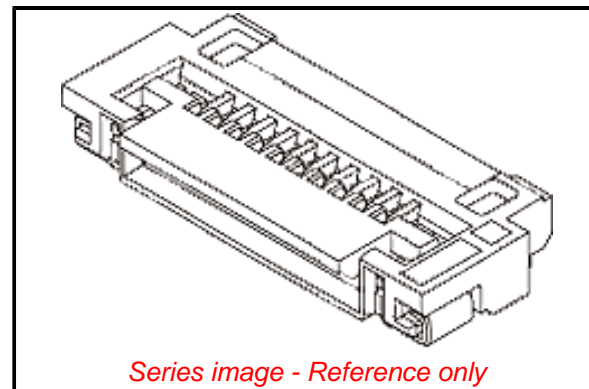
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-51296-007-001  
Product Specification PS-51296-003-001  
Sales Drawing SD-51296-011, SD-51296-012



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

51296 Series