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**Part Number:** [51296-5494](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** Easy-On™ Type FFC/FPC Connector, 1.30mm Height, Right-Angle, SMT, ZIF, Bottom Contact Style, 54 Circuits, Lead-Free, Gold (Au) Contact Plating

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [51296](#)  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name Easy-On™  
 UPC 822350198332

**Physical**

Circuits (Loaded) 54  
 Color - Resin Beige, Black  
 Contact Position Bottom  
 Durability (mating cycles max) 20  
 Entry Angle 90° Angle  
 Mated Height 1.30mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Net Weight 249.341/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC/FPC

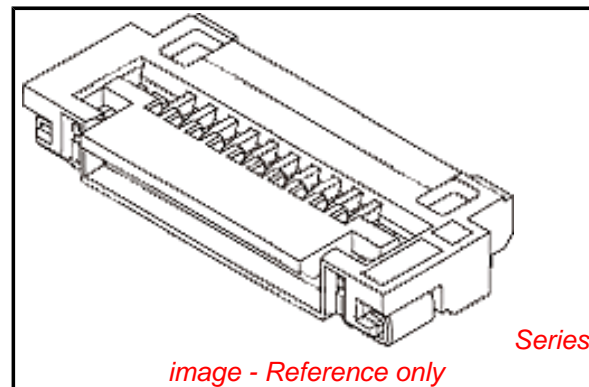
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

[Packaging Specification](#) [SPK-51296-007](#)  
[Product Specification](#) [PS-51296-003](#), [RPS-51296-058](#), [RPS-51296-059](#),  
[RPS-51296-060](#), [RPS-51296-063](#), [RPS-51296-064](#),  
[RPS-51296-065](#), [RPS-51296-066](#), [RPS-51296-067](#),  
[RPS-51296-069](#), [RPS-51296-070](#), [RPS-51296-071](#),  
[RPS-51296-077](#)



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**Low-Halogen Status  
 Not Low-Halogen**

**China RoHS**



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 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

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 non-product compliance questions.

**Search Parts in this Series**

[51296Series](#)

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