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**Part Number:** [51296-1894](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** Easy-On™ Type FFC/FPC Connector, 1.30mm Height, Right-Angle, SMT, ZIF, Bottom Contact Style, 18 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 \(PDF\)](#)

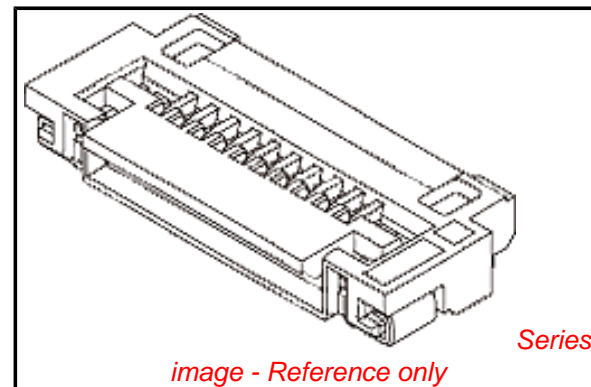


image - Reference only

**General**

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

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 18                    |
| 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                     | 107.951/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-51296-056, RPS-51296-057, 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 |
| Sales Drawing           | SD-51296-011, SD-51296-012   |

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



**Need more information on product environmental compliance?**

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
 51296Series

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