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**Part Number:** [5019122790](#)  
**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, 27 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                            | 800756820088                   |
| <b>Physical</b>                |                                |
| Circuits (Loaded)              | 27                             |
| Circuits (maximum)             | 27                             |
| 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                     | 130.196/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                       |

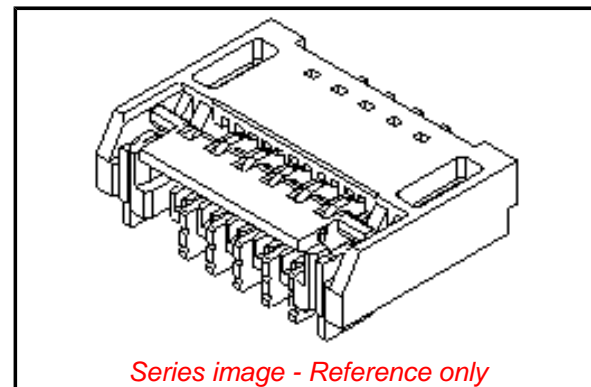
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| 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-501912-002, RPS-501912-003        |
| Sales Drawing           | 5019120000, 5019121000, SD-501912-001, SD-501912-002 |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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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