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**Part Number:** **5035661900**  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.30mm Pitch FPC Easy-On™ Housing Assembly, 19 Circuits, Mated Height 0.95mm

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                  | <a href="#">Application Specification AS-503566-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">Packaging Specification SPK-503566-001 (PDF)</a>  |
| <a href="#">Product Specification PS-503566-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

UL E29179

**General**

|                |                    |
|----------------|--------------------|
| Product Family | FFC/FPC Connectors |
| Series         | 503566             |
| Overview       | FFC-FPC (SMT)      |
| Product Name   | Easy-On™           |
| UPC            | 884982133198       |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 19                    |
| Circuits (maximum)             | 19                    |
| Color - Resin                  | Natural               |
| Contact Position               | Bottom                |
| Durability (mating cycles max) | 10                    |
| Entry Angle                    | Side Entry            |
| Flammability                   | 94V-0                 |
| Mated Height                   | 0.95mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold over Nickel      |
| Material - Resin               | Polyester Alloy       |
| Net Weight                     | 30.446/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                |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Surface Mount Compatible (SMC) | Yes                   |
| Temperature Range - Operating  | -40°C to +105°C       |
| Termination Interface: Style   | Surface Mount         |
| Wire/Cable Type                | N/A                   |

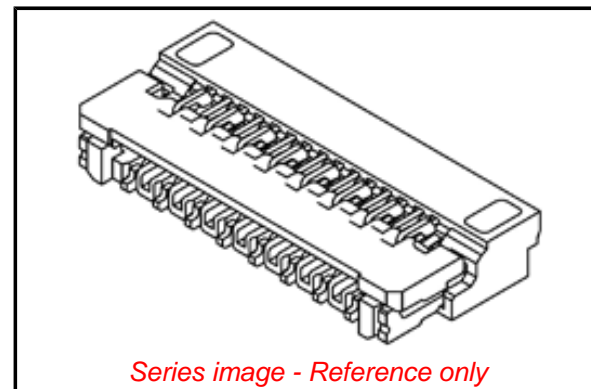
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.2A |
| Voltage - Maximum             | 50V  |

**Material Info**

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | AS-503566-001   |
| Packaging Specification   | SPK-503566-001  |
| Product Specification     | PS-503566-001, RPS-503566-016, RPS-503566-019,<br>RPS-503566-022, RPS-503566-023, RPS-503566-024,<br>RPS-503566-025, RPS-503566-027 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[503566 Series](#)

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