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**Part Number:** [5035663900](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.30mm Pitch FPC Easy-On™ Housing Assembly, 39 Circuits, Mated Height 0.95mm

**Documents:**

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

**Agency Certification**

UL E29179

**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors            |
| Series         | <a href="#">503566</a>        |
| Overview       | <a href="#">FFC-FPC (SMT)</a> |
| Product Name   | Easy-On™                      |
| UPC            | 884982133266                  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 39                    |
| Circuits (maximum)             | 39                    |
| 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                     | 56.126/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                   |

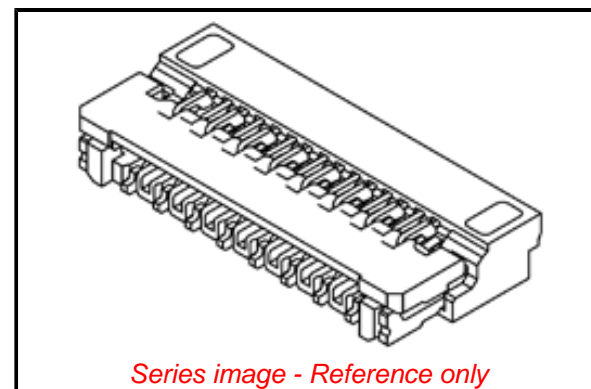
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                              |
|---------------------------|------------------------------|
| Application Specification | AS-503566-001-001            |
| Packaging Specification   | SPK-503566-001-001           |
| Product Specification     | PS-503566-001-001            |
| Sales Drawing             | SD-503566-001, SD-503566-002 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[503566](#) Series

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