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**Part Number:** [503566-3100](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.30mm Pitch FPC Easy-On™ Housing Assembly, 31 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	884982289215

**Physical**

Circuits (Loaded)	31
Circuits (maximum)	31
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	45.844/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 +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	N/A

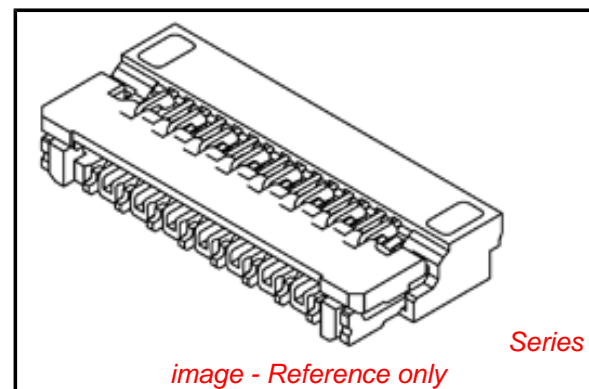
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503566-001
Packaging Specification	SPK-503566-001



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Low-Halogen**

**China RoHS**



**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**  
 503566Series

Product Specification

PS-503566-001, RPS-503566-016, RPS-503566-019,  
RPS-503566-022, RPS-503566-023, RPS-503566-024,  
RPS-503566-025  
SD-503566-001, SD-503566-002

Sales Drawing

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