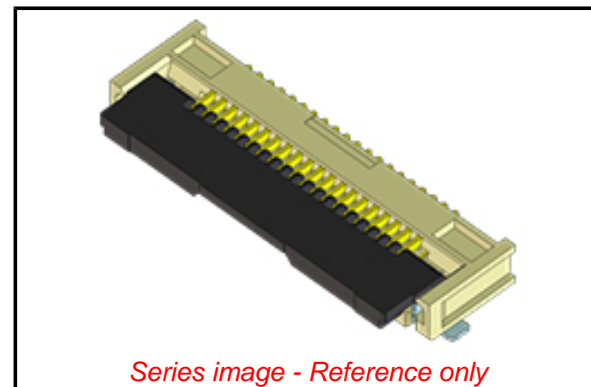


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**Part Number:** [5051103091](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, 1.90mm Height, Double Bottom Contact Type (FD19 Series), Right Angle, Surface Mount, ZIF, 30 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 5051100005 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-505110-001 (PDF)</a>
<a href="#">Product Specification 5051100000 (PDF)</a>	<a href="#">Packaging Specification 5051109200 (PDF)</a>
<a href="#">Product Specification 5051100001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	FFC/FPC Connectors
Series	505110
Comments	Black Actuator
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
UPC	887191626314

**Physical**

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	25
Entry Angle	90° Angle
Mated Height	1.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	254.100/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
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.051µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°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	5051109200
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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**

[505110 Series](#)

Product Specification

Sales Drawing

5051100000, 5051100001, 5051100005,  
PS-505110-001, RPS-505110-002, RPS-505110-003,  
RPS-505110-004, RPS-505110-005, RPS-505110-009  
SD-505110-001, SD-505110-002

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