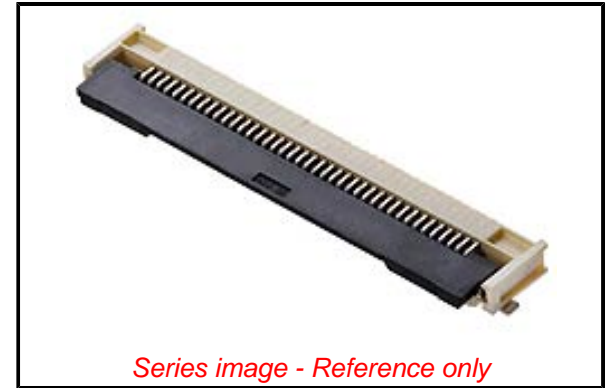


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5051103091](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** Easy-On FFC/FPC Connector 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 30 Circuits, Gold over Nickel Plating

**Documents:**

[3D Model](#) [Packaging Specification 5051109200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 5051100000-PS-000 \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	FFC/FPC Connectors
Series	<a href="#">505110</a>
Comments	Black Actuator, Black Actuator
Datasheet Order No	987651-8731, 987651-8735_ZH, 987651-8767_DE, 987651-8771_JA, 987651-8775_KO, 987651-8779_ES
Overview	<a href="#">FFC-FPC (SMT)</a>
Product Guide Order No	987651-8061
Product Name	Easy-On
Series Name	FD19
UPC	887191626314

**Physical**

Actuator Type	Flip
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	20
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 Mounting	Surface Mount
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° to +105°C
Wire/Cable Type	FFC/FPC

**Electrical**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505110 Series](#)

Packaging Specification  
Product Specification  
Sales Drawing

5051109200-200  
5051100000-PS-000  
5051100000-SD-000, 5051101000-SD-000

This document was generated on 03/29/2019

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