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Part Number: [5051101092](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, 1.90mm Height, Double Bottom Contact Type (FD19 Series), Right Angle, Surface Mount, ZIF, 10 Circuits

Documents:

[3D Model](#) [Packaging Specification 5051109200-201 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 5051100002-000 \(PDF\)](#)

General

| | |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors |
| Series | 505110 |
| Comments | Black Actuator |
| Overview | FFC-FPC (SMT) |
| Product Name | Easy-On |
| Type | Front Flip |
| UPC | 889056255844 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 | 113.440/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 |

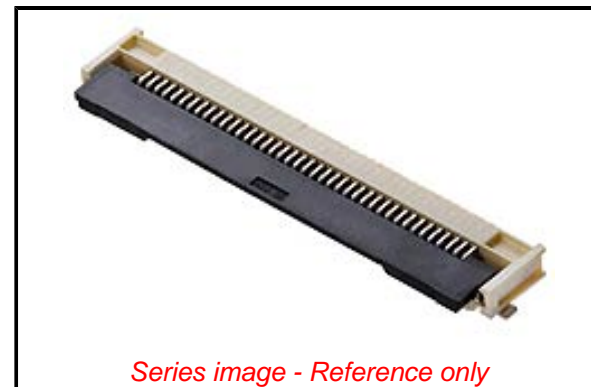
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------|
| Packaging Specification | 5051109200-201 |
| Product Specification | 5051100002-000 |
| Sales Drawing | 5051100001-000, 5051101001-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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

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[505110](#) Series

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