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Part Number: [5051104591](#)
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, 45 Circuits

Documents:

[3D Model](#) [Product Specification PS-505110-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 5051100000 \(PDF\)](#)

General

| | |
|----------------|--------------------|
| Product Family | FFC/FPC Connectors |
| Series | 505110 |
| Comments | Black Actuator |
| Overview | FFC-FPC (SMT) |
| Product Name | Easy-On™ |
| UPC | 887191626338 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 45 |
| Circuits (maximum) | 45 |
| Color - Resin | Beige |
| Contact Position | Bottom |
| Durability (mating cycles max) | 10 |
| 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 | 359.000/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 |

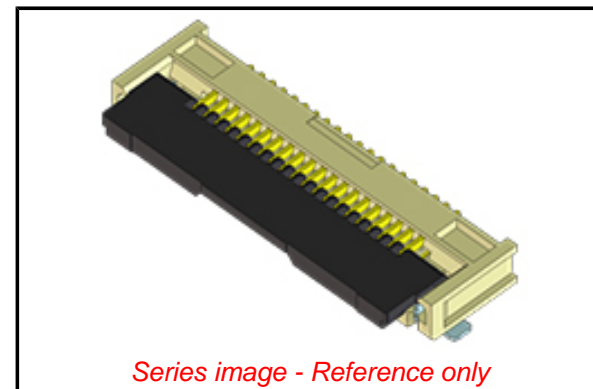
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 50V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---|
| Product Specification | 5051100000, PS-505110-001, RPS-505110-009 |
| Sales Drawing | SD-505110-001, SD-505110-002 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

Green Image

Not Relevant

Search Parts in this Series

[505110 Series](#)

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