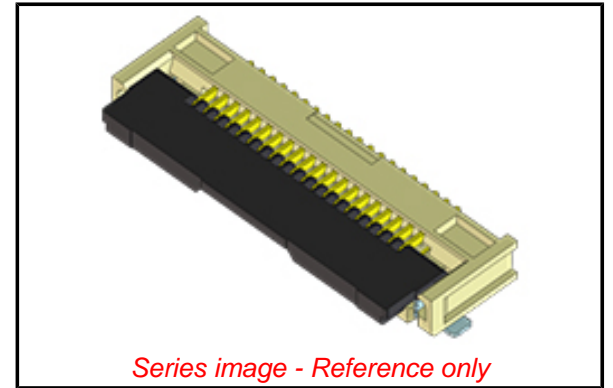


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**Part Number:** [5051102291](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, 1.90mm Height, Double Bottom Contact Type (FD19 Series), Right Angle, Surface Mount, ZIF, 22 Circuits

**Documents:**

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



**General**

|                |                    |
|----------------|--------------------|
| Product Family | FFC/FPC Connectors |
| Series         | 505110             |
| Comments       | Black Actuator     |
| Overview       | FFC-FPC (SMT)      |
| Product Name   | Easy-On™           |
| UPC            | 887191626185       |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 22                     |
| Circuits (maximum)             | 22                     |
| 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                     | 197.100/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  |
| Product Specification   | 5051100000, 5051100005, PS-505110-001, RPS-505110-009 |

**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](#)

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