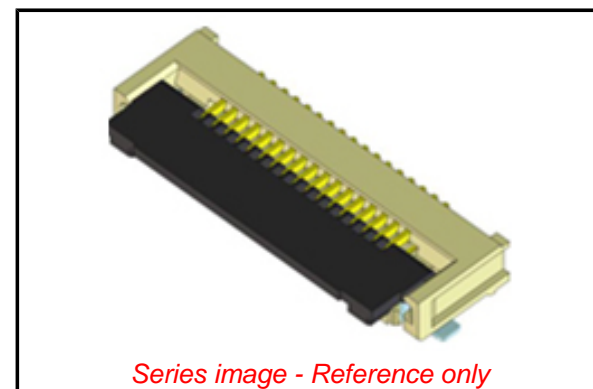


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**Part Number:** [5051101092](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, 1.90mm Height, Double Bottom Contact Type (FD19 Series), Right Angle, Surface Mount, ZIF, 10 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                               | <a href="#">Product Specification 5051100005 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                          | <a href="#">Packaging Specification 5051109200 (PDF)</a> |
| <a href="#">Product Specification 5051100002 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |



**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors            |
| Series         | <a href="#">505110</a>        |
| Comments       | Black Actuator                |
| Overview       | <a href="#">FFC-FPC (SMT)</a> |
| Product Name   | Easy-On™                      |
| 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             |
| Product Specification   | 5051100002, 5051100005 |
| Sales Drawing           | 5051100001, 5051101001 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**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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