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**Part Number:** [0527450697](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, Surface Mount, ZIF, Top Contact Style, 6 Circuits, Gold (Au) Contact Plating, High Barrier Packaging

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-52745-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-52745-002-001 (PDF)</a>  |
| <a href="#">Product Specification PS-52745-051-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

UL E29179

**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors            |
| Series         | <a href="#">52745</a>         |
| Overview       | <a href="#">FFC-FPC (SMT)</a> |
| Product Name   | Easy-On™                      |
| UPC            | 822348250448                  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 6                     |
| Color - Resin                  | Black, White          |
| Contact Position               | Top                   |
| Durability (mating cycles max) | 20                    |
| Entry Angle                    | 90° Angle             |
| Flammability                   | 94V-0                 |
| Mated Height                   | 2.00mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 123.654/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                |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40°C to +85°C        |
| Termination Interface: Style   | Surface Mount         |
| Wire/Cable Type                | FFC/FPC               |

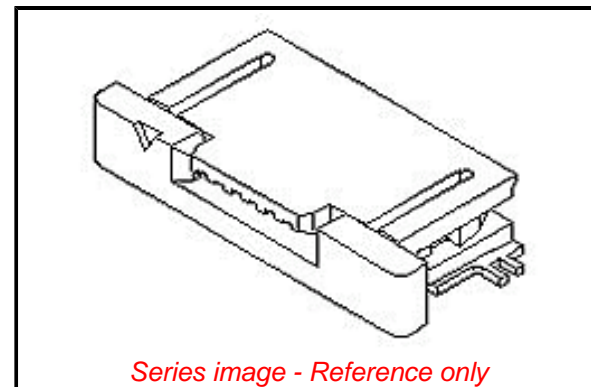
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                            |
|---------------------------|----------------------------|
| Application Specification | AS-52745-001-001           |
| Packaging Specification   | SPK-52745-002-001          |
| Product Specification     | PS-52745-051-001           |
| Sales Drawing             | SD-52745-050, SD-52745-051 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not 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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52745 Series](#)

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