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**Part Number:** [5034800600](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch Easy-On™ BackFlip™ Type FPC Connector, 1.00mm Height, Right Angle, Surface Mount, Dual Contact Style, 6 Circuits

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                  | <a href="#">Packaging Specification SPK-503480-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">Packaging Specification SPK-503480-001-002 (PDF)</a> |
| <a href="#">Product Specification PS-503480-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

UL E29179

**General**

|                |                               |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors            |
| Series         | <a href="#">503480</a>        |
| Comments       | Black Actuator                |
| Overview       | <a href="#">FFC-FPC (SMT)</a> |
| Product Name   | BackFlip™, Easy-On™           |
| UPC            | 884982040830                  |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 6                      |
| Color - Resin                  | Natural (White)        |
| Contact Position               | Dual                   |
| Durability (mating cycles max) | 10                     |
| Entry Angle                    | 90° Angle              |
| Flammability                   | 94V-0                  |
| Mated Height                   | 1.00mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold over Nickel       |
| Material - Plating Termination | Gold over Nickel       |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 27.581/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                |

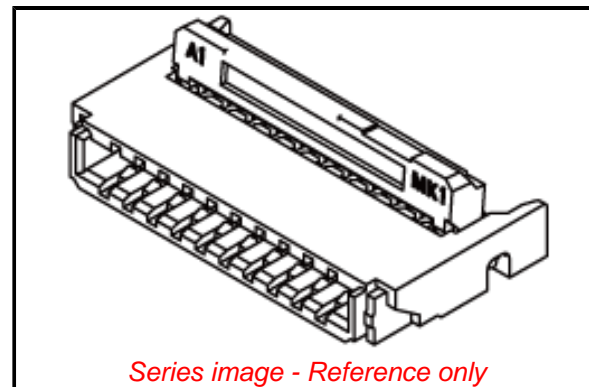
**Electrical**

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

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 003    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 002    |
| Process Temperature max. C                     | 250    |

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[503480](#) Series

**Mates With**

<a href="http://www.molex.com/product/premoflex\_ffc-fpc.html">Molex Premo-Flex FFC</a>. Be sure to match like plating

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-503480-001, SPK-503480-001-002

PS-503480-001

SD-503480-001, SD-503480-002

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