



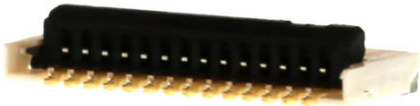
**Part Number :** [5034801400](#)

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 14 Circuits, Gold over Nickel Plating

**Series Number :** 503480

**Status :** Active

**Product Category :** FFC / FPC Connectors



## Documents & Resources

### Drawings

[5034801400\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[5034801400.dxf](#)

### Specifications

[SPK-503480-001-001.pdf](#)

[PS-503480-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                           |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                              |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                            |
| REACH SVHC         | Not Contained per D(2025)4165-DC (25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                 |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                                                                                       |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                |
| Category     | FFC / FPC Connectors                                                                                                                  |
| Series       | FBH1                                                                                                                                  |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 14 Circuits, Gold over Nickel Plating |
| Comments     | Black Actuator                                                                                                                        |
| Product Name | Easy-On                                                                                                                               |
| UPC          | 884982040878                                                                                                                          |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

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

### Physical

|               |           |
|---------------|-----------|
| Actuator Type | Back Flip |
|---------------|-----------|

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 14                     |
| Color - Resin                  | Natural (White)        |
| Contact Position               | Dual                   |
| Durability (mating cycles max) | 10                     |
| Flammability                   | 94V-0                  |
| Mated Height                   | 1.00mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 50.801/mg              |
| Orientation                    | Right Angle            |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | No                     |
| PCB Mounting                   | Surface Mount          |
| PCB Retention                  | Yes                    |
| Pitch - Mating Interface       | 0.50mm                 |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |
| Temperature Range - Operating  | -40° to +105°C         |
| Wire/Cable Type                | FFC/FPC                |

### Solder Process Data

|                              |        |
|------------------------------|--------|
| Max-Duration                 | 3      |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle                    | 2      |
| Max-Temp                     | 250    |

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### Mates With / Use With

#### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15020</u> |
| 0.50mm Pitch Premo-Flex FFC         | <u>15120</u> |

|         |  |
|---------|--|
| Jumpers |  |
|---------|--|