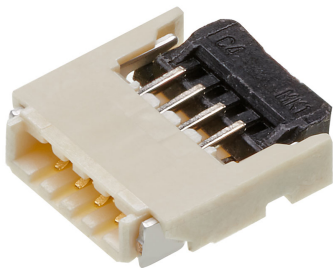




**Part Number :** [5034800440](#)  
**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 4 Circuits, Gold over Nickel Plating  
**Series Number :** 503480  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources


**Drawings**  
[5034800440\\_sd.pdf](#)

**3D Models and Design Files**  
[5034800440.dxf](#)  
[5034800440.pdf](#)  
[5034800440\\_stp.zip](#)

**Specifications**  
[5034809200-SPK-200.pdf](#)  
[PS-503480-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	FFC / FPC Connectors
Series	503480
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 4 Circuits, Gold over Nickel Plating
Series Name	FBH1
Comments	Black Actuator
Product Name	Easy-On
UPC	887191703527

#### Electrical

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

#### Physical

Actuator Type	Back Flip
Circuits (Loaded)	4
Color - Resin	Natural (White)
Contact Position	Dual
Durability (mating cycles max)	10
Mated Height	1.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold

Material - Resin	Liquid Crystal Polymer
Net Weight	0.024/g
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	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
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>15120</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15020</u>

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