



Part Number : [5034802200](#)

**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 22 Circuits, Gold over Nickel Plating

Series Number : 503480

Status : Active

Product Category : FFC / FPC Connectors

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## Documents & Resources

### Drawings

[Drawing 5034802200\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5034802200\\_stp.zip](#)

### Specifications


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

## 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, 22 Circuits, Gold over Nickel Plating
Series Name	FBH1
Comments	Black Actuator
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	884982240032

### Agency

UL	E29179
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### Electrical

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

### Physical

Actuator Type	Back Flip
Circuits (Loaded)	22
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	74.011/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 +85°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 Jumpers	<u>15120</u>