

# Easy-On FFC/FPC Connectors, Back Flip 0.50mm Pitch, FBH1 Series >

The Easy-On FFC/FPC Connectors, with a 0.50mm pitch in the FBH1 Series, feature a dual contact and back flip actuator available in multiple circuit sizes. Their low-profile design offers design flexibility, contact reliability, space savings and user-friendly operation, making them ideal for tight-packaging applications in consumer and commercial markets.



## ADVANTAGES AND FEATURES

### Eases cable insertion and allows for a high upward pull force

The back flip actuator maximizes movement within a confined space.

### Allows for easy operation and cable access

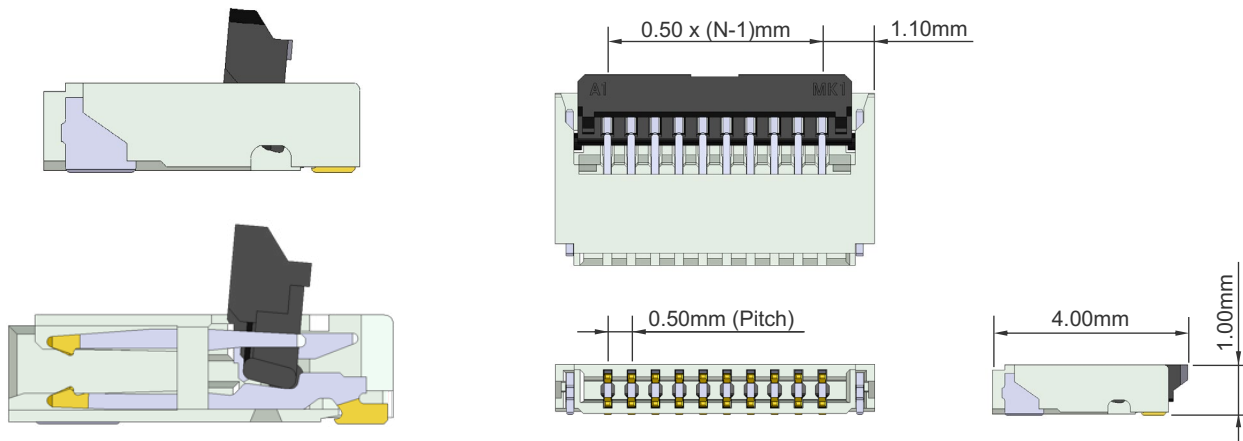
These connectors have an actuator rotation of 94 degrees.

### Offers significant space savings

The low profile height of 1.00mm and narrow width of 4.00mm saves PCB space.

### Delivers secure connectivity

Having a dual contact terminal increases the surface area for a more reliable electrical connection.



## MARKETS AND APPLICATIONS

### Appliances

Cameras  
Displays  
Gaming machines

### Automotive

Navigation systems

### Mobile Devices

Drones  
Point-of-sale (POS) terminals



POS



Drones



Game Machines

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## SPECIFICATIONS

### Reference Information

Packaging: Embossed Tape and reel  
Use With: FFC/FPC  
Designed In: Millimeters  
RoHS: Yes  
Halogen Free: Low-Halogen

### Electrical

Voltage (Max.): 50V  
Current (Max.): 0.5A per circuit  
Contact Resistance (Max.): 100 milliohms  
Dielectric Withstanding Voltage: 200V AC  
Insulation Resistance (Min.): 50 Megaohms

### Mechanical

FFC/FPC Thickness: 0.30mm  
Durability (Max.): 10 cycles

### Physical

Housing: LCP, UL 94V-0, Natural  
Actuator: PA, UL 94V-0, Black  
Contact: Copper Alloy  
Plating:  
Contact Area: Gold  
Solder Tail Area: Gold  
Underplating: Tin  
Operating Temperature: -40 to +105°C

## ORDERING INFORMATION

Series No.	Pitch	Orientation	Contact Position	Circuits	Operating Temperature	Plating
<a href="#">503480-**00</a>	0.50mm	Right Angle	Dual	8 to 40	-40 to +105°C	Gold
<a href="#">503480-**40</a>	0.50mm	Right Angle	Dual	4, 5, 6	-40 to +105°C	Gold

Replace \*\* with circuit size