

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

Product 503480

**molex**

The Easy-On FFC/FPC Connectors, 0.50mm Pitch, FBH1 Series, with a low profile and user-friendly features, are ideal for consumer or commercial market applications of any design layout

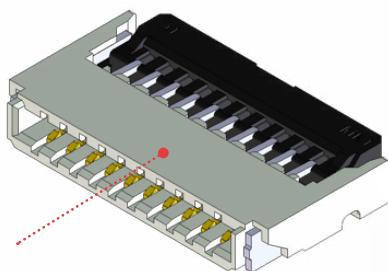


503480-00

## Features and Advantages

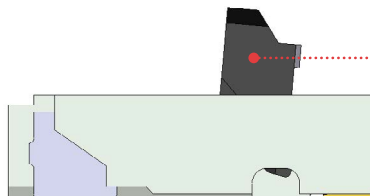
### Back Flip actuator

Eases cable insertion and allows for a high upward pull force



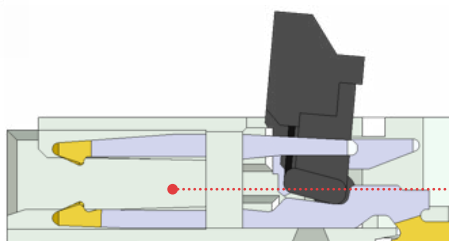
Low profile height of 1.00mm and width of 4.00mm

Offers space savings



### Actuator rotation

Rotates 94° for easy operation and cable access



### Dual contact terminal

Delivers secure connectivity

## Applications

### Consumer

- POS terminals
- Game machines
- Digital still cameras
- Digital video cameras
- Car navigation systems
- Drones
- Consumer displays



POS



Drone



Game Machine

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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 (min.): 10 cycles

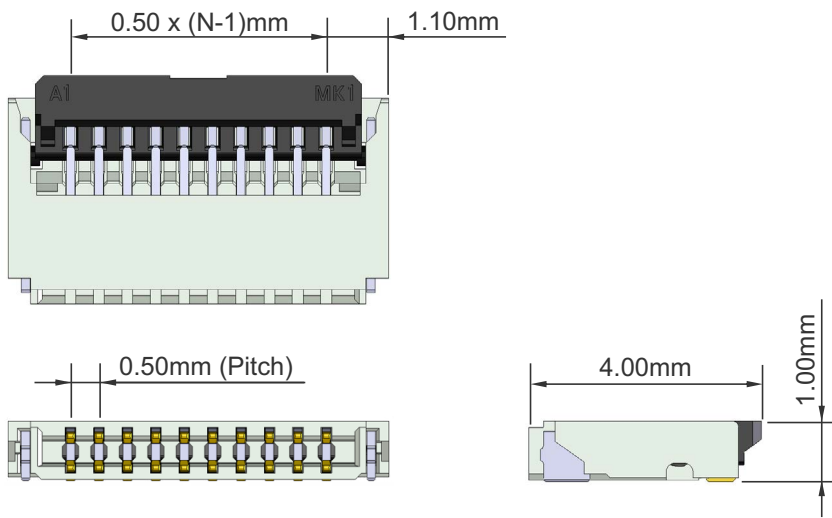
**PHYSICAL**  
Housing: LCP, UL 94V-0, Natural  
Actuator: PA, UL 94V-0, Black  
Contact: Copper Alloy  
Plating:  
Contact Area — Gold  
Solder Tail Area — Gold  
Underplating — Nickel  
Operating Temperature: -40 to +85°C

**CIRCUIT SIZES**  
4, 5, 6, 7, 8, 10, 12, 14, 16, 17, 18  
20, 22, 24, 26, 30, 32, 36, 38, 40

Dimensions

Refer to molex.com for detail dimension

N = Circuit size



Ordering Information

Series No.	Pitch	Orientation	Contact Position	Circuits	Operating Temperature	Plating
503480-**00	0.50mm	Right-Angle	Dual	4 to 40	-40 to +85°C	Gold

Replace \*\* with circuit size

[www.molex.com/link/easyon.html](http://www.molex.com/link/easyon.html)