

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

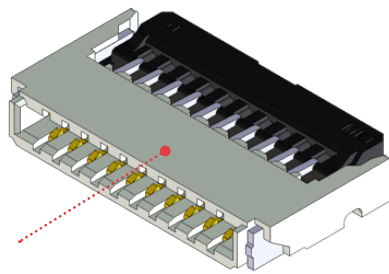


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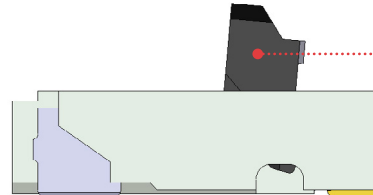
Features and Advantages

Back Flip actuator

Eases cable insertion and allows for a high upward pull force

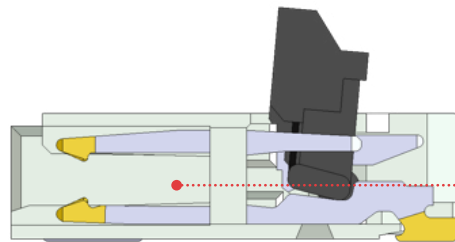


Low profile height of 1.00mm and width of 4.00mm
Offers space savings



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 (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 — Nickel
 Operating Temperature: -40 to +85°C

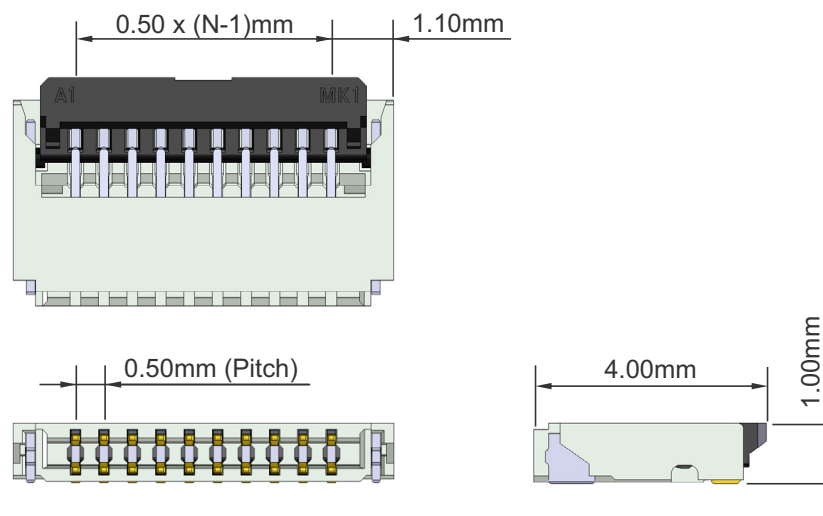
CIRCUIT SIZES

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

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