

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

Product 503480

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

molex

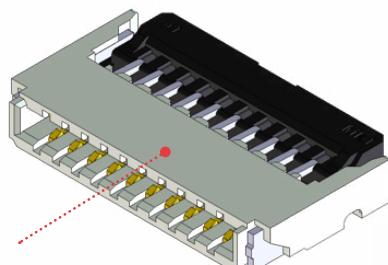


Features and Advantages

503480-**00

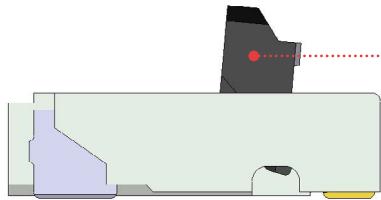
Back Flip actuator

Eases cable insertion and allows for a high upward pull force



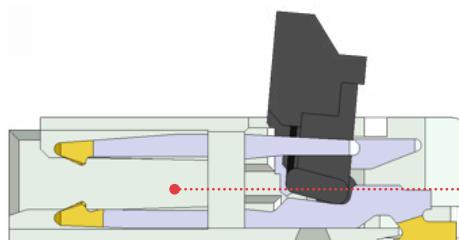
Low profile height of 1.00mm and width of 4.00mm

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

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

Product 503480

molex

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

CIRCUIT SIZES

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

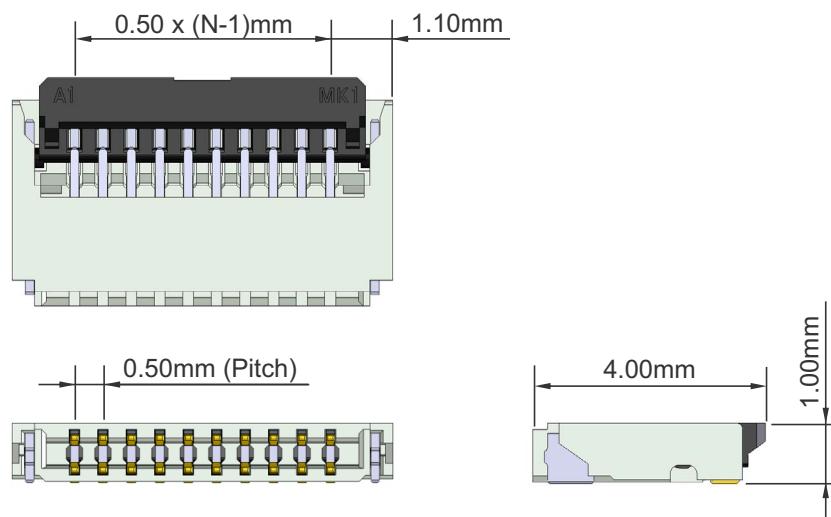
PHYSICAL

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

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

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners.