

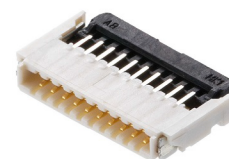
Easy-On FFC/FPC Connectors, 0.50mm pitch, FBH1 Series

Product 503480

molex

The 0.50mm pitch Easy-On FFC/FPC connector with a low profile and user-friendly features is ideal for consumer or commercial market applications of any design layout

General market and any industry request for quick sample availability and wide variety of selection. Back Flip is easy FFC/FPC insertion process in assembly line, Molex micro design technology enables for within low height 1.00mm. Molex Micro Solution design provide any solution to solve any market requirement.



503480-00

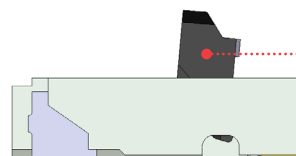
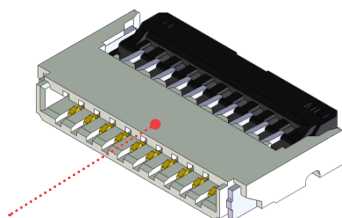
Features and Advantages

503480 series

Back flip, ZIF Type Right Angle
Dual Contact 4 to 40 Circuits
1.00mm Height

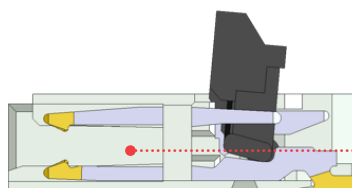
Low profile for space saving

Low height as 1.00mm and
Short width 4.00mm to save
PCB dimension and size.



Actuator Rotation

The actuator rotates
94 degrees for easy
operation and cable
access



Dual Contact terminal

One of most advantages
for FPC Insertion and
customer design option

Applications

Consumer

POS
Game Machine
Digital still camera
Digital video camera
Car navigation
Drone
Consumer Display



POS



Drone



Game Machine

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Specifications

REFERENCE INFORMATION

Packaging: Embossed Tape on Reel
Mates with: FFC/FPC
Designed In: Millimeters
RoHS: Yes
Halogen Free: Low-Halogen

ELECTRICAL

Voltage (max.): 50V
Current (max.): 0.5A
Contact Resistance (max.): 100 milliohms
Dielectric Withstanding Voltage: 200V AC
Insulation Resistance (min.): 50 Megohms

MECHANICAL

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

PHYSICAL

Housing: LCP, UL94V-0, Natural
Actuator: PA, UL94V-0, Black
Contact: Copper Alloy
Plating:
Contact Area — Gold
Solder Tail Area — Gold
Underplating — Nickel
Operating Temperature: -40 to +85°C

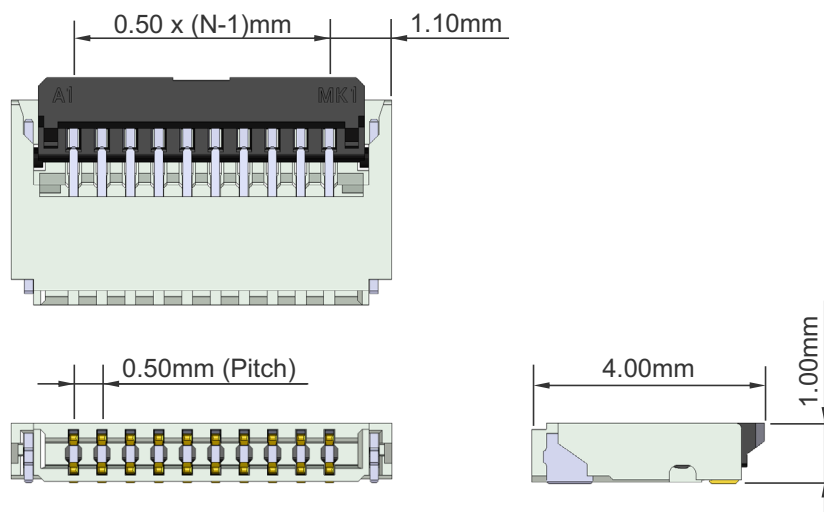
CIRCUIT SIZE

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

Replace with ** for Circuit size.

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

www.molex.com/link/easyon.html

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