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.

Features and Advantages

- **Back Flip actuator**: Eases cable insertion and allows for a high upward pull force.
- **Actuator rotation**: Rotates 94° for easy operation and cable access.
- **Low profile height of 1.00mm and width of 4.00mm**: Offers space savings.
- **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

Ordering Information

<table>
<thead>
<tr>
<th>Series No.</th>
<th>Pitch</th>
<th>Orientation</th>
<th>Contact Position</th>
<th>Circuits</th>
<th>Operating Temperature</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>503480-**00</td>
<td>0.50mm</td>
<td>Right-Angle</td>
<td>Dual</td>
<td>4 to 40</td>
<td>-40 to +85°C</td>
<td>Gold</td>
</tr>
</tbody>
</table>

Replace ** with circuit size

www.molex.com/link/easyon.html

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