



## 0.5mm Pitch 2.0H Lock ZIF

### FPC 0.5 Series

#### FEATURES & BENEFITS:

The product is widely used in AV, Digital devices, Cameras, Automobile AV, TV, Calculators, Cash registers, Telephones, MP3, mp4, CD-ROM, VCD, DVD, Copiers, Printers, Scanners, Notebook computers, Wireless instrumentation, Disc devices and Space ships and etc.

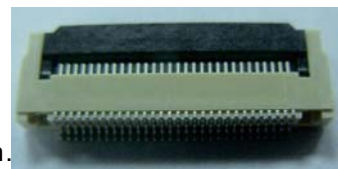
#### SPECIFICATION:

##### ★ Electrical:

- Voltage: 50V AC Max.
- Current Rating: 0.4A DC Max.
- Contact Resistance: 20 mΩ Max.
- Insulation Resistance: 100MΩ Min.
- Dielectric Strength: 200V AC (rms) for 1 minute

##### ★ Mechanical:

- Contact Retention Force: 0.08 kgf Min.
- FPC/FFC Retention Force: 0.04 kgf Min.



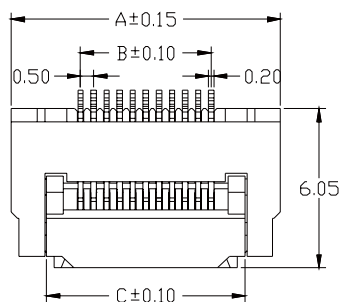
#### REFERENCE INFORMATION:

- The kind of connector has its pitch 0.5, and can be divided into 4~50 screens type. Moreover, it features high density, small volume and easy use.
- Package: Pipe package or roll package
- Designed in: mm/inch

##### ★ Physical:

- Housing: LCP UL94V-0 white
- Actuator: LCP UL94V-0 black
- Contact: Phosphor Bronze Gold or Tin plated on Ni over All
- LEG: Phosphor Bronze Matte Tin plated on Nickel over all
- Operating Temperature: -25°C ~ +85°C

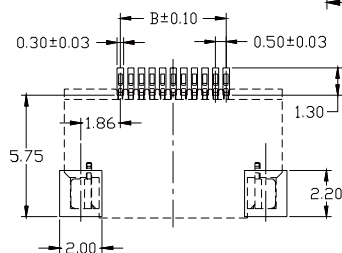
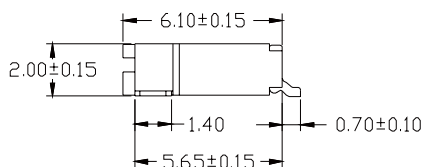
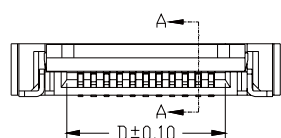
#### ORDERING INFORMATION AND DIMENSIONS:



Part NO.:

F 05 20 -30 \* \* HF

無鹵素  
方向性 0=無方向式  
類型 X=掀蓋式  
Pin  
High=2.00mm  
Pitch=0.50mm



FPC/FFC Insert Direction  
Recommended P.C.B Layout

Number of Contacts	Dimension			
	A	B	C	D
4	6.80	1.50	4.10	2.56
5	7.30	2.00	4.60	3.06
6	7.80	2.50	5.10	3.56
7	8.30	3.00	5.60	4.06
8	8.80	3.50	6.10	4.56
9	9.30	4.00	6.60	5.06
10	9.80	4.50	7.10	5.56
11	10.30	5.00	7.60	6.06
12	10.80	5.50	8.10	6.56
13	11.30	6.00	8.60	7.06
14	11.80	6.50	9.10	7.56
15	12.30	7.00	9.60	8.06
16	12.80	7.50	10.10	8.56
17	13.30	8.00	10.60	9.06
18	13.80	8.50	11.10	9.56
19	14.30	9.00	11.60	10.06
20	14.80	9.50	12.10	10.56
21	15.30	10.00	12.60	11.06
22	15.80	10.50	13.10	11.56
23	16.30	11.00	13.60	12.06
24	16.80	11.50	14.10	12.56
25	17.30	12.00	14.60	13.06
26	17.80	12.50	15.10	13.56
27	18.30	13.00	15.60	14.06
28	18.80	13.50	16.10	14.56
29	19.30	14.00	16.60	15.06
30	19.80	14.50	17.10	15.56
31	20.30	15.00	17.60	16.06
32	20.80	15.50	18.10	16.56
n	6.80+(n-4)*0.5	1.50+(n-4)*0.5	4.10+(n-4)*0.5	2.56+(n-4)*0.5