



## 1.0mm Pitch 2.0H Lock

### FPC 1.0 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: 500MΩ 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.



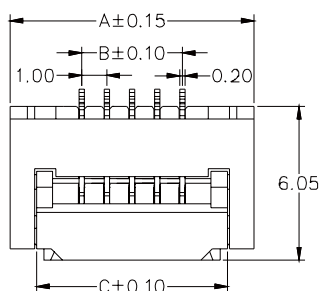
#### REFERENCE INFORMATION:

- The kind of connector has its pitch 1.0, 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

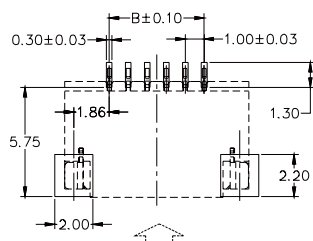
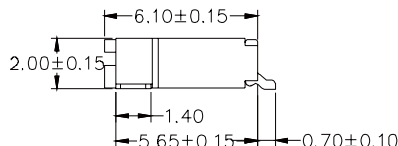
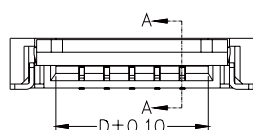
#### ORDERING INFORMATION AND DIMENSIONS:



Part NO.:

F 10 20 -06 \* \* HF

無鹵素  
方向性 0=無方向式  
類型 H=蝴蝶扣  
Pin  
High=2.00mm  
Pitch=1.00mm



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

Number of Contacts	Dimension			
	A	B	C	D
4	8.70	3.00	6.60	5.06
5	9.70	4.00	7.60	6.06
6	10.70	5.00	8.60	7.06
7	11.70	6.00	9.60	8.06
8	12.70	7.00	10.60	9.06
9	13.70	8.00	11.60	10.06
10	14.70	9.00	12.60	11.06
11	15.70	10.00	13.60	12.06
12	16.70	11.00	14.60	13.06
13	17.70	12.00	15.60	14.06
14	18.70	13.00	16.60	15.06
15	19.70	14.00	17.60	16.06
16	20.70	15.00	18.60	17.06
17	21.70	16.00	19.60	18.06
18	22.70	17.00	20.60	19.06
19	23.70	18.00	21.60	20.06
20	24.70	19.00	22.60	21.06
21	25.70	20.00	23.60	22.06
22	26.70	21.00	24.60	23.06
23	27.70	22.00	25.60	24.06
24	28.70	23.00	26.60	25.06
25	29.70	24.00	27.60	26.06
26	30.70	25.00	28.60	27.06
27	31.70	26.00	29.60	28.06
28	32.70	27.00	30.60	29.06
29	33.70	28.00	31.60	30.06
30	34.70	29.00	32.60	31.06
31	35.70	30.00	33.60	32.06
32	36.70	31.00	34.60	33.06
n	8.70+ (n-4)	3.00+ (n-4)	6.60+ (n-4)	6.06+ (n-4)