



0.5mm Pitch 1.2H Slide-up 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.

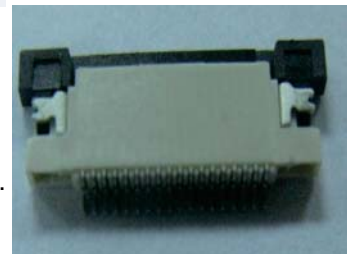
SPECIFICATION:

★ Electrical:

- Voltage: 50V AC Max.
- Current Rating: 0.5A DC Max.
- Contact Resistance: 30 mΩ Max.
- Insulation Resistance: 500MΩ Min.
- Dielectric Strength: 500V AC (rms) for 1 minute

★ Mechanical:

- Contact Retention Force: 0.15 kgf Min.
- FPC/FFC Retention Force: 0.03 kgf/Pin Min. (Pin ≥ 17)
0.5 kgf Min. (Pin < 17)



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:

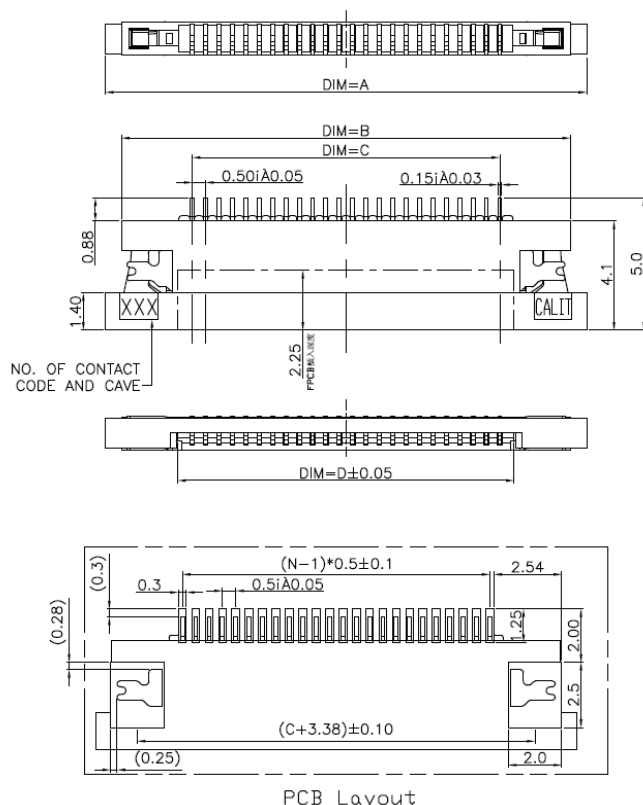
- Housing: LCP UL94V-0 white
- Actuator: LCP UL94V-0 black
- Contact: Phosphor Bronze Mate Tin plated
- Fitting: Brass Matte Tin plated
- Operating Temperature: -25°C ~ +85°C

ORDERING INFORMATION AND DIMENSIONS:

Part NO.:

F 05 12 -18 ** HF

無鹵素
方向性 2=上接式
類型 C=抽屜式
Pin
High=1.20mm
Pitch=0.50mm



DIMENSION				
NO. OF PIN	A	B	C	D
4	8.00	6.80	1.50	2.58
5	8.50	7.30	2.00	3.08
6	9.00	7.80	2.50	3.58
7	9.50	8.30	3.00	4.08
8	10.00	8.80	3.50	4.58
9	10.50	9.30	4.00	5.08
10	11.00	9.80	4.50	5.58
11	11.50	10.30	5.00	6.08
12	12.00	10.80	5.50	6.58
13	12.50	11.30	6.00	7.08
14	13.00	11.80	6.50	7.58
15	13.50	12.30	7.00	8.08
16	14.00	12.80	7.50	8.58
17	14.50	13.30	8.00	9.08
18	15.00	13.80	8.50	9.58
19	15.50	14.30	9.00	10.08
20	16.00	14.80	9.50	10.58
21	16.50	15.30	10.00	11.08
22	17.00	15.80	10.50	11.58
23	17.50	16.30	11.00	12.08
24	18.00	16.80	11.50	12.58
25	18.50	17.30	12.00	13.08
26	19.00	17.80	12.50	13.58
27	19.50	18.30	13.00	14.08
28	20.00	18.80	13.50	14.58
29	20.50	19.30	14.00	15.08
30	21.00	19.80	14.50	15.58