



# 0.5mm Pitch 1.5H 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: 20 mΩ Max.
- Insulation Resistance: 100MΩ Min
- Dielectric Strength: 200V AC (rms) for 1 minute



#### ★ Mechanical:

- Contact Retention Force: 0.080 kgf Min.
- FPC/FFC Retention Force: 0.04 kgf/Pin Min.

### REFERENCE INFORMATION:

- The kind of connector has its pitch 0.5, and can be divided into 6~60 screens type. Moreover, it features high density, small volume and easy use.
- Package: Pipe package or roll package
- Designed in: mm/inch

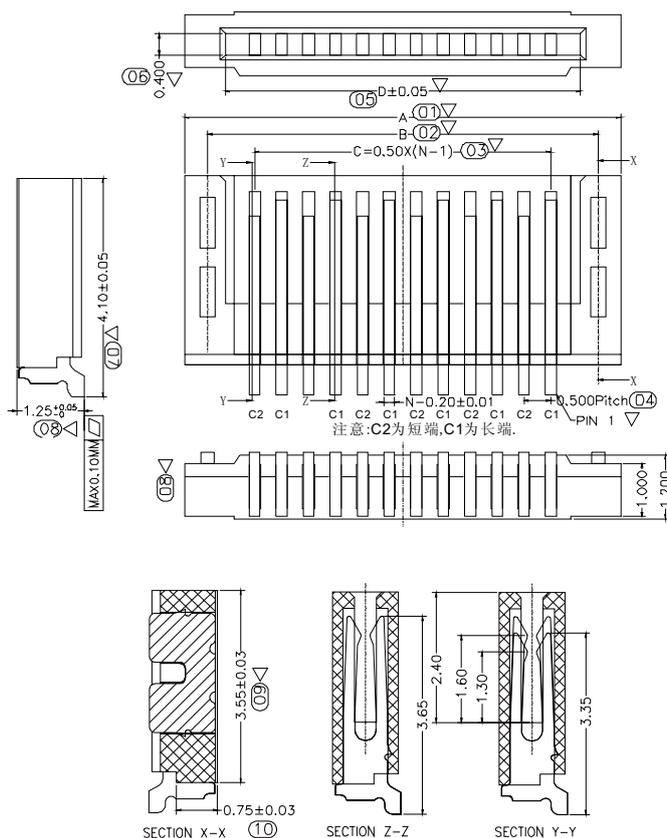
#### ★ Physical:

- Housing: PA46 UL94V-0 white
- Actuator: LCP UL94V-0 black
- Contact: Phosphor Bronze Gold or Tin plated on Ni over All
- LEG: Brass Tin plated on Nickel over all
- Operating Temperature: -40°C ~ +80°C

### ORDERING INFORMATION AND DIMENSIONS: Part NO.:

F 05 15 -30 \* \* HF

無鹵素  
方向性 2=上接式  
類型 C=抽屜式  
Pin  
High=1.50mm  
Pitch=0.50mm



| PORT NO | Dimension |       |       | PORT NO | Dimension |       |       |
|---------|-----------|-------|-------|---------|-----------|-------|-------|
|         | A         | B     | D     |         | A         | B     | D     |
| 04P     | 4.10      | 3.25  | 2.60  | 25P     | 14.60     | 13.75 | 13.10 |
| 05P     | 4.60      | 3.75  | 3.10  | 26P     | 15.10     | 14.25 | 13.60 |
| 06P     | 5.10      | 4.25  | 3.60  | 27P     | 15.60     | 14.75 | 14.10 |
| 07P     | 5.60      | 4.75  | 4.10  | 28P     | 16.10     | 15.25 | 14.60 |
| 08P     | 6.10      | 5.25  | 4.60  | 29P     | 16.60     | 15.75 | 15.10 |
| 09P     | 6.60      | 5.75  | 5.10  | 30P     | 17.10     | 16.25 | 15.60 |
| 10P     | 7.10      | 6.25  | 5.60  | 31P     | 17.60     | 16.75 | 16.10 |
| 11P     | 7.60      | 6.75  | 6.10  | 32P     | 18.10     | 17.25 | 16.60 |
| 12P     | 8.10      | 7.25  | 6.60  | 33P     | 18.60     | 17.75 | 17.10 |
| 13P     | 8.60      | 7.75  | 7.10  | 34P     | 19.10     | 18.25 | 17.60 |
| 14P     | 9.10      | 8.25  | 7.60  | 35P     | 19.60     | 18.75 | 18.10 |
| 15P     | 9.60      | 8.75  | 8.10  | 36P     | 20.10     | 19.25 | 18.60 |
| 16P     | 10.10     | 9.25  | 8.60  | 37P     | 20.60     | 19.75 | 19.10 |
| 17P     | 10.60     | 9.75  | 9.10  | 38P     | 21.10     | 20.25 | 19.60 |
| 18P     | 11.10     | 10.25 | 9.60  | 39P     | 21.60     | 20.75 | 20.10 |
| 19P     | 11.60     | 10.75 | 10.10 | 40P     | 22.10     | 21.25 | 20.60 |
| 20P     | 12.10     | 11.25 | 10.60 | 41P     | 22.60     | 21.75 | 21.10 |
| 21P     | 12.60     | 11.75 | 11.10 | 42P     | 23.10     | 22.25 | 21.60 |
| 22P     | 13.10     | 12.25 | 11.60 | 43P     | 23.60     | 22.75 | 22.10 |
| 23P     | 13.60     | 12.75 | 12.10 | 44P     | 24.10     | 23.25 | 22.60 |
| 24P     | 14.10     | 13.25 | 12.60 | 45P     | 24.60     | 23.75 | 23.10 |