



## 0.5mm Pitch 1.8H Flip-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: 40 mΩ Max.
- Insulation Resistance: 50MΩ Min.
- Dielectric Strength: 500V AC (rms) for 1 minute

##### ★ Mechanical:

- Contact Retention Force: 0.015 kgf Min.



#### REFERENCE INFORMATION:

- The kind of connector has its pitch 0.5, and can be divided into 4~80 screens type. Moreover, it features high density, small volume and easy use.
- Package: Pipe package or roll package
- Designed in: mm/inch

##### ★ Physical:

- Housing: Heat resistant plastic UL94V-0 ; Color: Cream.
- Actuator: Heat resistant plastic UL94V-0 ; Color: Black.
- Contact: Copper Alloy.
- Fitting Nail Material: Copper Alloy.
- Plating:
  - Terminal :Gold plated over Nickel.
  - Fitting Nail: Matte tin Plated over Nickel.

#### ORDERING INFORMATION AND DIMENSIONS:

| Part No.     | No. of Contacts(n) | Dimensions |       |       |
|--------------|--------------------|------------|-------|-------|
|              |                    | A          | B     | C     |
| F0518-60F1HF | 60                 | 24.20      | 30.55 | 29.50 |
| F0518-80F1HF | 80                 | 44.20      | 40.55 | 39.50 |

