



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

