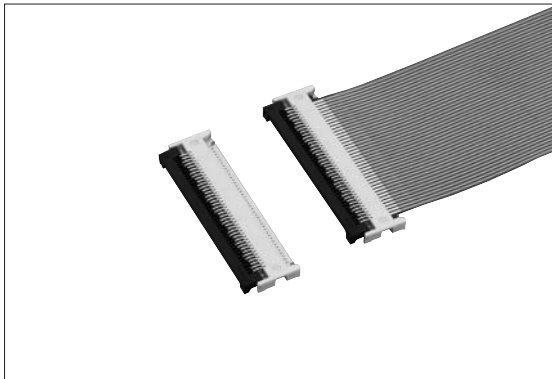


## FPC Connectors

# BF-51 Series 0.5mm Pitch, Back Flip Lock Type (SMT)



### Features

1. Just push the lever down to operate. The backflip-lock structure enables this simple operation.
2. The signal terminal corresponds to the upper and lower contact.
3. Using notched FPC, it fulfills temporary retention and strong extraction force.
4. Low profile of 1.8mm height when mounted.
5. Using the ZIF structure.
6. Supplied in the embossed taping with automatic mounter.

### Specification

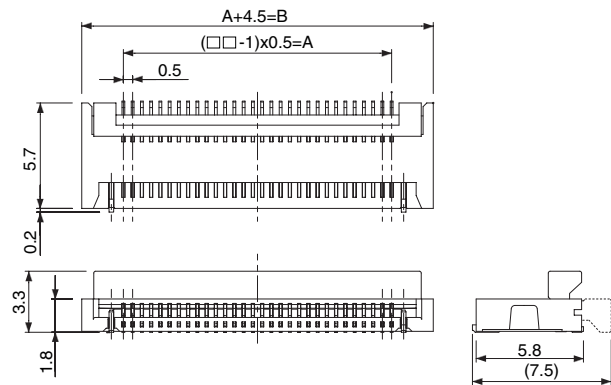
1. Rating : 0.5A, 50V AC/DC
2. Contact Resistance : 30mΩ max., initially
3. Insulation Resistance : 100MΩ min. at 100V DC
4. Withstanding Voltage : 100V AC (for one minute)
5. Operating Temperature Range : -40°C to +85°C

### Material and Plating

- Housing : Thermoplastic Resin, Natural Color, 94V-0
- Cover : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy, Au Plating
- Hold down : Cu Alloy, Sn Alloy Plating

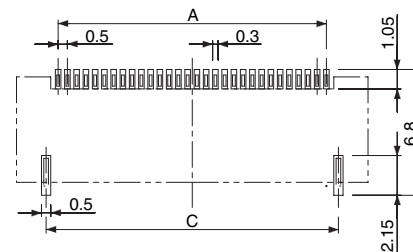
### ● CFP97□□-0101F

↑ No. of Pins

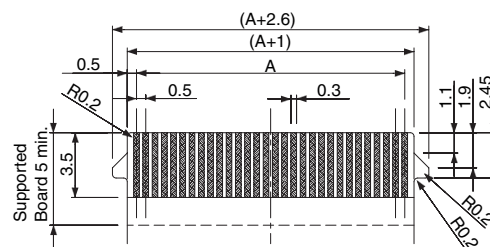


□□ No. of Pins	A	B	C
40	19.5	24.0	20.8
45	22.0	26.5	23.3

### ■ P.C. Board Dimension



### ■ Applicable FPC Dimension (t=0.3±0.05)



- FPC plating to recommend : Au plating