

# FP-50 Series 0.5mm Spacing (SMT)



FPC / FFC Connectors

### Features

1. False FPC holding mechanism provided for ease in operation.
2. Preventive measures against incomplete FPC insertion through positive clicking feeling sensed when FPC is inserted.
3. Either upper or lower contact location available.
4. A lead-free product < \* ( ) excepted >.

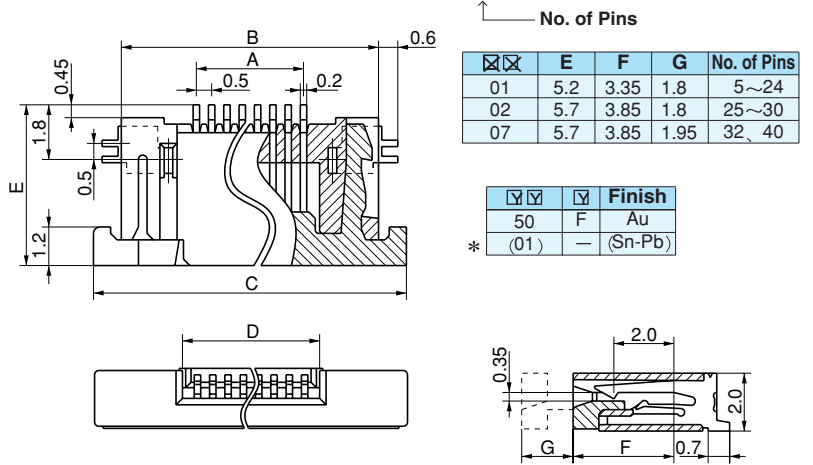
### Specifications

1. Rating : 0.5A, 50V AC/DC
2. Contact Resistance : 30mΩ, max.
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

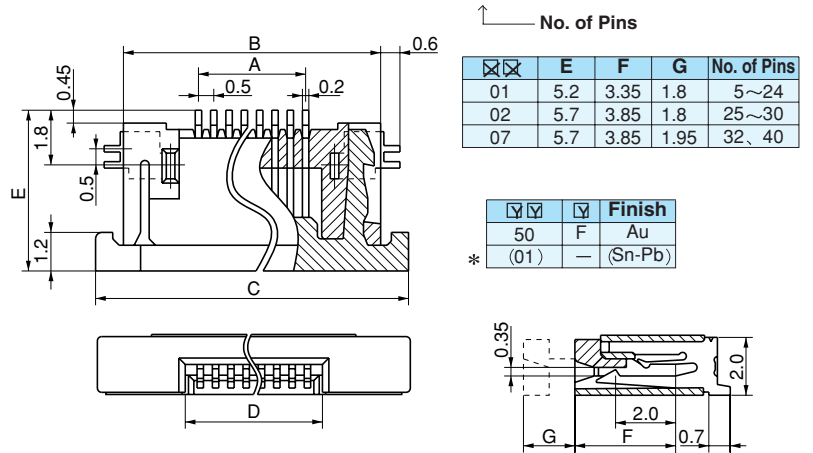
### Material and Plating

- Housing : Polyamide (PA), Natural Color, 94V-0
- Cover : Polyphenylene Sulfide (PPS), Natural Color, 94V-0
- Contact : Phosphor Bronze
- Hold-down : Phosphor Bronze, Tin Plating

### ● Upper Contact Type CFP55 □ □ - □ □ □ □ □ □



### ● Lower Contact Type CFP57 □ □ - □ □ □ □ □ □



□ □ No. of Pins	A	B	C	D	□ □ No. of Pins	A	B	C	D
05	2.0	7.0	8.8	3.1	19	9.0	14.0	15.8	10.1
06	2.5	7.5	9.3	3.6	20	9.5	14.5	16.3	10.6
07	3.0	8.0	9.8	4.1	21	10.0	15.0	16.8	11.1
08	3.5	8.5	10.3	4.6	22	10.5	15.5	17.3	11.6
09	4.0	9.0	10.8	5.1	23	11.0	16.0	17.8	12.1
10	4.5	9.5	11.3	5.6	24	11.5	16.5	18.3	12.6
11	5.0	10.0	11.8	6.1	25	12.0	17.0	18.8	13.1
12	5.5	10.5	12.3	6.6	26	12.5	17.5	19.3	13.6
13	6.0	11.0	12.8	7.1	27	13.0	18.0	19.8	14.1
14	6.5	11.5	13.3	7.6	28	13.5	18.5	20.3	14.6
15	7.0	12.0	13.8	8.1	29	14.0	19.0	20.8	15.1
16	7.5	12.5	14.3	8.6	30	14.5	19.5	21.3	15.6
17	8.0	13.0	14.8	9.1	32	15.5	20.7	22.5	16.6
18	8.5	13.5	15.3	9.6	40	19.5	24.7	26.5	20.6

### ■ P.C. Board Dimension

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

