

### Feature

1. Carbon element.
2. Inserting molding around the resistor with resin.
3. Long life, Miniature structure.
4. Long Life Type Available.

### F10K Series Joystick Potentiometer

### Electrical characteristics

- Total Resistance.....10K~100K  $\Omega$
- Total Resistance Tolerance.....  $\pm 20\%$
- Resistance Taper..... B
- Rated Power..... 0.0125W
- Withstand Voltage..... 1 minute. at AC 250V
- Insulation Resistance..... More than 100 M $\Omega$  at DC 250V 1 Minute
- Max. Operating Voltage..... AC50V, DC5V

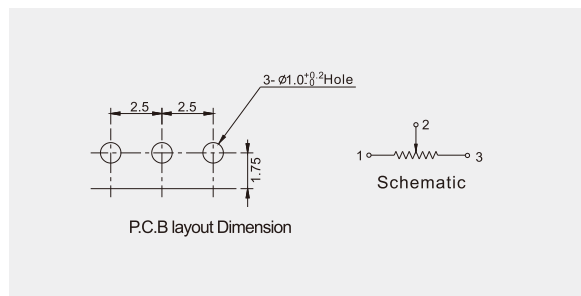
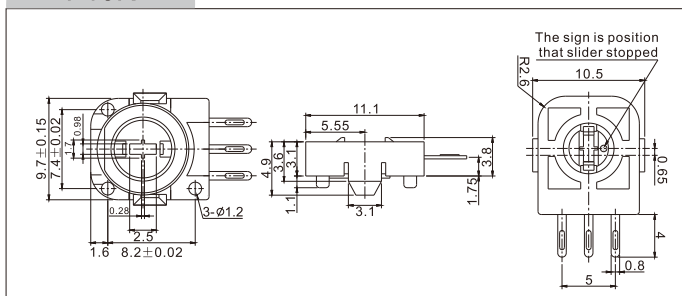
### Mechanical characteristics

- Total Rotation Angle..... 360°
- Rotational Torque..... Less than 50 gf
- Push Strength of Shaft..... 2.0 Kgf Min

### Durability

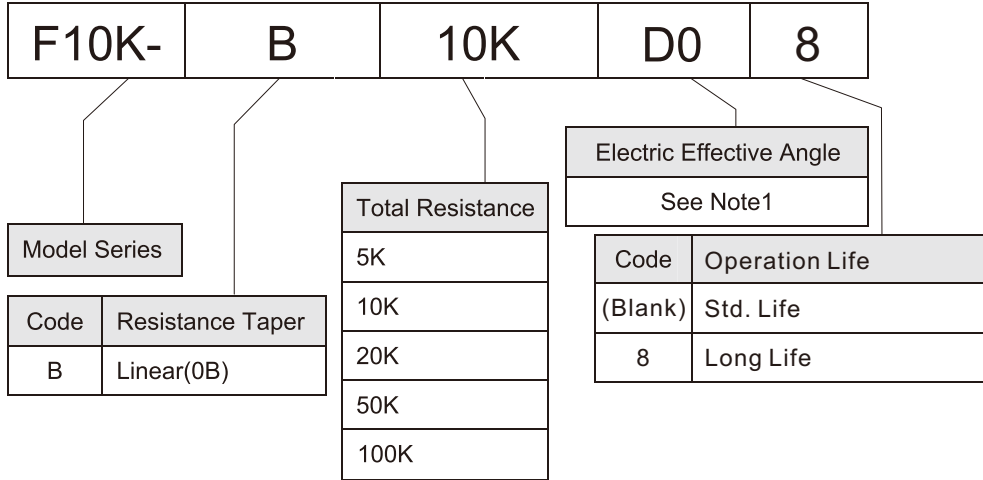
- Operating Life ..... Standard life: 1 Million Cycles Min  
Long life: 2 Million Cycles Min
- Operating Temperature Range..... -10°C ~ +70°C

**F10K** Side Adjust, 1 Gang



Joystick

### HOW TO ORDER



### Note 1: Electric Effective Angle

ANGLE A	Code	ANGLE A	Code	ANGLE A	Code	ANGLE A	Code
15°	e5	45°	B5	85°	F5	200°	R0
20°	d0	50°	C0	90°	G0	210°	S0
25°	d5	53°	C3	95°	G5	220°	T0
28°	d8	55°	C5	120°	J0	250°	W0
30°	A0	60°	D0	147°	L7	265°	X5
32°	A2	65°	D5	150°	M0	270°	Y0
35°	A5	70°	E0	160°	N0	300°	b0
38°	A8	78°	E8	170°	O0	330°	h0
40°	B0	80°	F0	180°	P0		

ANGLE A	B	Code	ANGLE A	B	Code	ANGLE A	B	Code	ANGLE A	B	Code
60°	6°	01	30°	6°	11	40°	6°	20	45°	8°	48
38°	6°	03	50°	8°	12	25°	12°	22	32°	8°	51
38°	8°	04	85°	8°	13	35°	6°	26	20°	6°	52
50°	6°	05	100°	8°	14	40°	3°	30	45°	10°	55
53°	6°	06	80°	10°	15	147°	3°	32	48 <sup>+0</sup> <sub>-3</sub>	6°	56
45°	3°	07	60°	10°	16	70°	6°	33	45°	6°	73
32°	3°	08	25°	6°	17	28°	6°	34	46°	8°	74
53°	8°	09	50°	3°	18	35°	8°	35			
45°	5°	10	45°	15°	19	42°	8°	44			

ANGLE A	C	Code	ANGLE A	C	Code	ANGLE A	C	Code	ANGLE A	C	Code
45°	12°	25	35°	8°	38	45°	10°	54	53°	12°	64
38°	8°	27	50°	6°	42	35°	5°	60			
45°	5°	28	40°	6°	43	54°	6°	59			
60°	5°	29	53°	10°	47	60°	10°	66			
40°	12°	31	30°	8°	53	32°	6°	71			

ANGLE A	A1	Code	ANGLE A	A2	Code	ANGLE A	B1	Code
20°	3°	23	120°	40°	02	20°	3°	40
25°	6°	36	20°	0°	21	17°	3°	45
			20°	3°	24	30°	0°	49
			25°	6°	37	23 <sup>+0</sup> <sub>-3</sub>	0°	65
			45°	5°	61	36°	68°	68
						17°	7 <sup>+2</sup>	69

ANGLE A	D	D1	Code
40°	16 <sup>+2</sup> <sub>-6</sub>	8 <sup>+2</sup> <sub>-6</sub>	57
32°	24 <sup>+2</sup> <sub>-6</sub>	16 <sup>+2</sup> <sub>-6</sub>	62

ANGLE A	D	D2	Code
40°	16 <sup>+2</sup> <sub>-6</sub>	8 <sup>+2</sup> <sub>-6</sub>	58
32°	24 <sup>+2</sup> <sub>-6</sub>	16 <sup>+2</sup> <sub>-6</sub>	63

ANGLE A	B2	Code
20°	3°	41
17°	3°	46
30°	0	50
17°	7 <sup>+2</sup>	70

ANGLE A	Code	
20°	3°	23
25°	6°	36

ANGLE A	Code	
120°	40°	02
20°	0°	21
20°	3°	24
25°	6°	37
45°	5°	61

ANGLE A	Code	
20°	3°	40
17°	3°	45
30°	0°	49
23 <sup>+0</sup> <sub>-3</sub>	0°	65
36°	68°	68
17°	7 <sup>+2</sup>	69

ANGLE A	B2	Code
20°	3°	41
17°	3°	46
30°	0	50
17°	7 <sup>+2</sup>	70

碳膜层  
(Carbon)

硫化层  
(Anti-Sulfurated)

银层  
(Silver)

绝缘层  
(insulated)

低碳层  
(Low Resistance)

Joystick