

### Feature

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

### FM10K 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

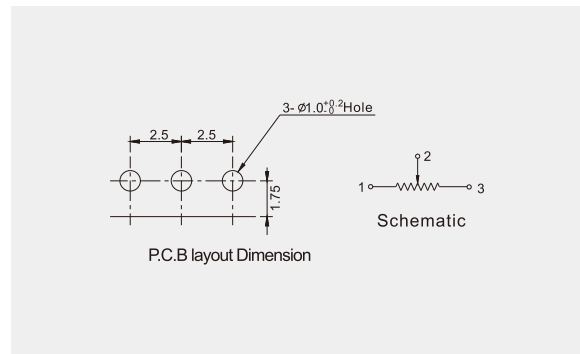
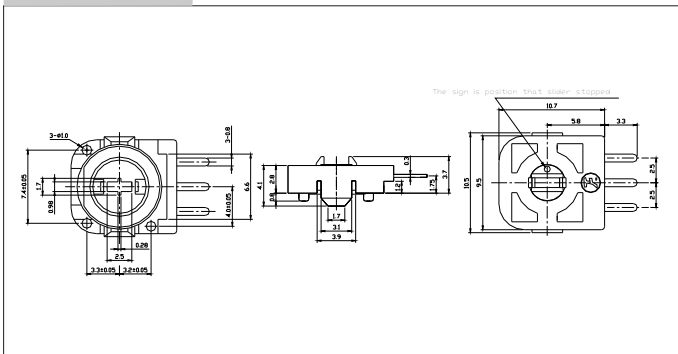
### Mechanical characteristics

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

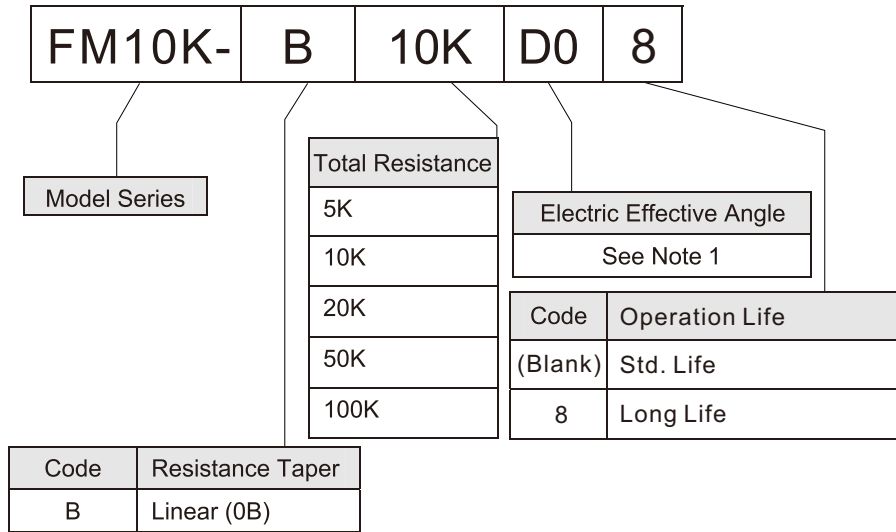
### Durability

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

**FM10K** Side Adjust, PC Pin, Single Unit



### HOW TO ORDER



Joystick

### Note 1: Electronic Effective Angle

FM10K					
ANGLE		Code	ANGLE		Code
A			A		
30°		A0	270°		Y0
32°		A2			
35°		A5			
38°		A8			
40°		B0			
45°		B5			
50°		C0			
60°		D0			
90°		G0			

ANGLE		Code	ANGLE		Code
A	B		A	B	
45°	3°	01	32°	4°	14
50°	6°	02	38°	8°	15
40°	6°	03	76°	8°	16
60°	6°	04	45°	8°	18
45°	6°	05	25°	6°	21
38°	6°	06			
35°	6°	07			
32°	6°	08			
30°	6°	09			

ANGLE		Code	ANGLE		Code
A	C		A	C	
45°	6°	11			
38°	9°	12			
45°	9°	13			

碳膜层  
(Carbon)

硫化层  
(Anti-Sulfurated)

银层  
(Silver)

低碳层  
(Low Resistance)