



Feature

1. Flux build-up prevention is taken inserting.
molding around the resistor with resin .
2. Available with bushing, tap and detent.
3. Long Life Type Available.

11mm Insulated Shaft Potentiometer

Electrical characteristics

- Total Resistance..... $1K\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $500\Omega < R < 1M\Omega : \pm 20\%$
 $R \leq 500\Omega \text{ or } R \geq 1M\Omega : \pm 30\%$
- Resistance Taper..... A, B, C
- Max. Operating Voltage (Single Unit/ Dual Unit)..... AC 50V , DC 20V / AC 30V
- Rated Power (Single Unit/ Dual Unit)..... 0.05W / 0.025W
- Rotational Noise..... Less than 100mV
- Insulation Resistance (Single Unit/ Dual Unit)..... More than $100M\Omega$ at DC 500V/
More than $100M\Omega$ at DC 250V
- Withstand Voltage (Single Unit/ Dual Unit)..... 1 minute at AC 500V / 1 minute at AC 300V
- Residual Resistance..... Term. 1~2: Less than 20Ω ; Term. 2~3: Less than 20Ω
- Gang error (Dual Unit)..... $40dB \sim 0dB \pm 3dB$

Mechanical characteristics

- Total Rotational Angle..... $300^\circ \pm 10^\circ$
- Rotational Torque..... 20 gf.cm ~ 100 gf.cm
- Click Torque..... 50gf.cm ~ 180gf.cm
- Stopper Strength..... 3.0Kgf.cm Min.
- Push-Pull Strength..... 8.0Kgf Min

Durability

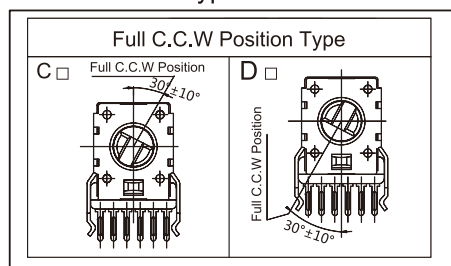
- Rotational Life..... Standard life: 15,000 Cycles Min.
Long life: 100,000 Cycles Min.
- Operating Temperature Range..... $-10^\circ C \sim +70^\circ C$

HOW TO ORDER

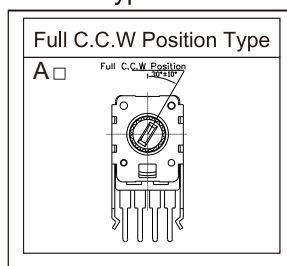
F11K-		G	H	0	1	0	F	1	C	B	100K	1	
Model Series													
Code	Gang Number												
N	1 Gang												
G	2 Gangs												
Code	Terminal Configuration												
H	Top Adjust, PC Pins												
V	Side Adjust, PC Pins												
Code	Height: (See Note 2)												
0	Not Available (for Top Adjust Type Only)												
1	10.0 mm (for Side Adjust Type Only)												
2	12.5 mm (for Side Adjust Type Only)												
										</			

Note 1: Full C.C.W position

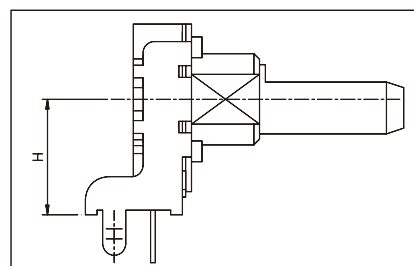
F-Type Shaft



Y-Type Shaft



Note 2: Height (H)



Note 3: Shaft Type & Shaft Length:

F-Type

Without Bushing

	1	2	3	4	5	6	7	8	9	0
L	15	18	20	22.5	24.5	25	27.5	30	32.5	36.2
F	4.5	7	7	7	11.5	12	12	12	12	12
H	10.5	10.5	13	13	13	13	13	13	13	13

Horizontal type

With Bushing

	1	2	3	4	5	6	7		
L	12.5	15	17.5	20	22.5	25	27.5		
F	7	7	12	12	12	12	12		

Horizontal Type

Y-Type

Without Bushing

	1	2	3	4	5	6	7	8	
L	15	20	22.5	24.7	27.5	29.7	32.5	35	
I	5	7	7	12	12	12	12	12	

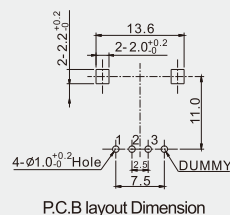
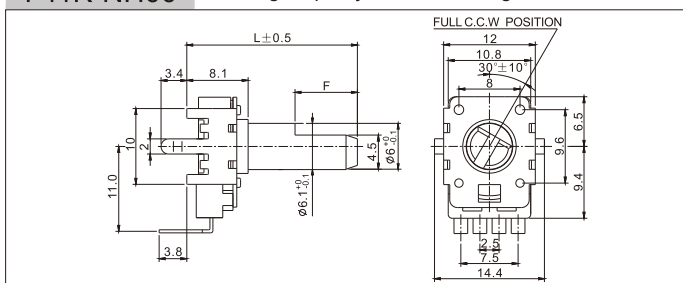
Horizontal Type

With Bushing

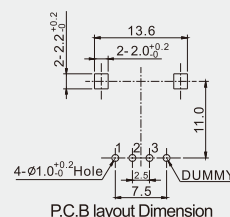
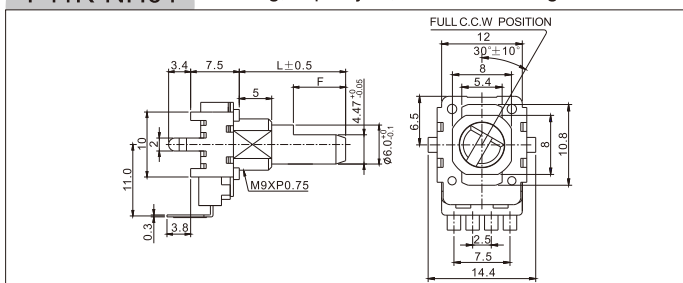
	1	2	3	4	5	6	7		
L	12.5	15	17.2	20	22.2	25	27.5		
I	7	7	12	12	12	12	12		

Horizontal Type

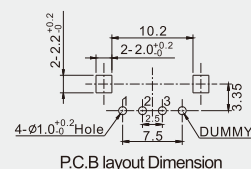
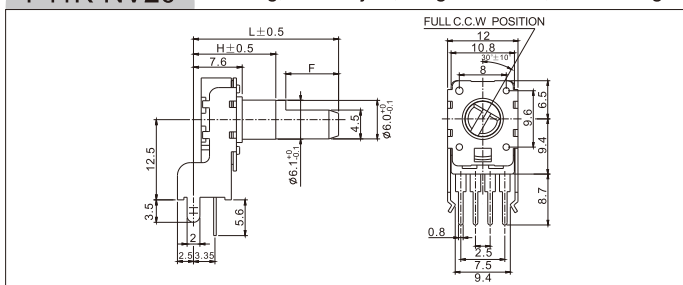
F11K-NH00 1 Gang, Top Adjust, No Bushing



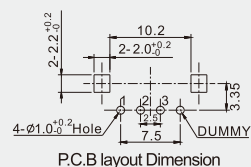
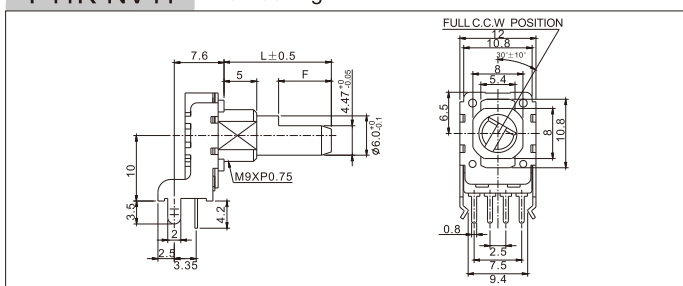
F11K-NH01 1 Gang, Top Adjust, with M9 Bushing



F11K-NV20 1 Gang, Side Adjust, Height 12.5mm, No Bushing



F11K-NV11 1 Gang, Side Adjust, Height 10mm, with M9 Bushing



F11K-GH00 Dual Gangs, Top Adjust, No Bushing

