

# 14mm Snap-in Insulated Potentiometers

**RK1412G**



**Part Number**

**RK1412G – B 50K , L- 20 F**

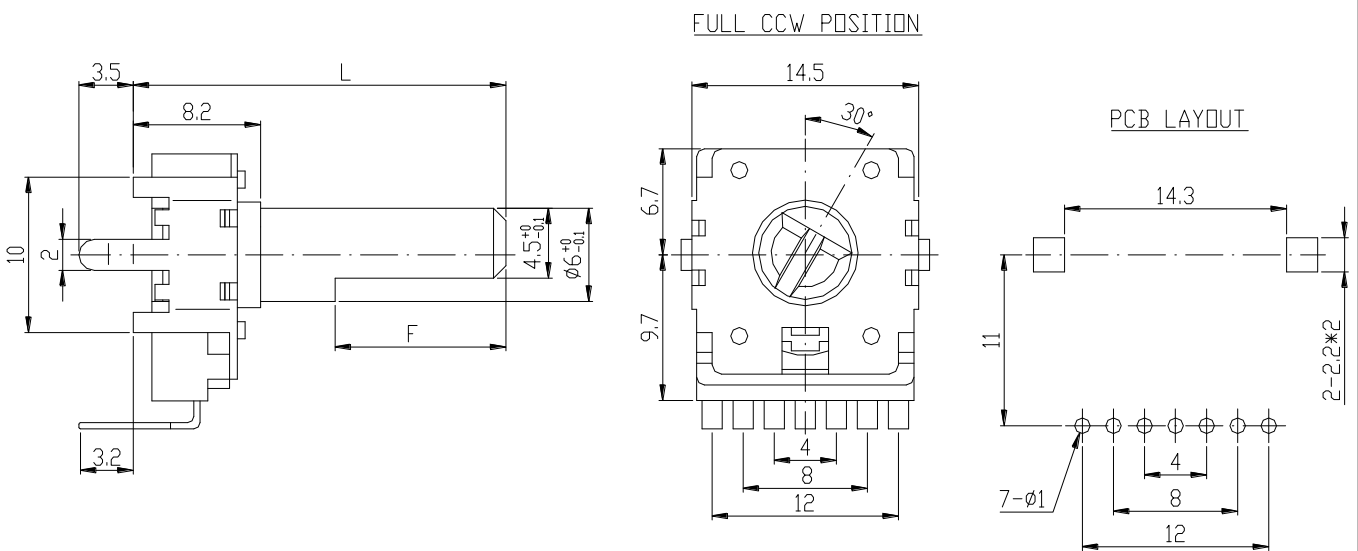
Taper

Shaft Length

Resistance value

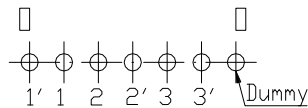
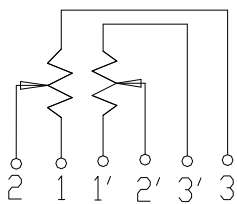
Shaft Type

## Dimensions

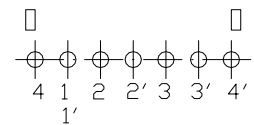
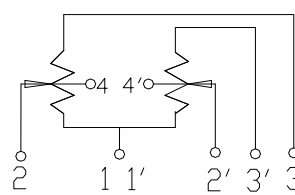


## Circuit Explanation

### Single Standard



### Single Center TAP





## 14mm Snap-in Insulated Potentiometers

### General

Operating temperature	-10 °C ~ +70 °C
Manual soldering	300 °C Max 3sec

### Electrical Characteristics

Total resistance	5KΩ ~ 500KΩ
Resistance tolerance	±20%
Resistance taper	A B C
Sliding noise	Less than 80 mV
Residual resistance	Term. 1~2 :Less than 20Ω Term. 2~3 :Less than 40Ω
Insulation resistance	More than 100MΩ at DC 250V
Rated power(W)	0.05W
Max. Operating voltage	AC 50V (for AC only)
Withstand voltage	1 Minute at AC 300 V
Gang error	0 ~ -40dB ≤ 3 dB

### Mechanical Characteristics

Total rotational angle	300° ± 5°
Rotational torque	30 ~ 200 gf.cm
Shaft push-pull strength	8Kgf. Max
Rotational stopper strength	6Kgf.cm Min
Rotational life	15,000 Cycles.