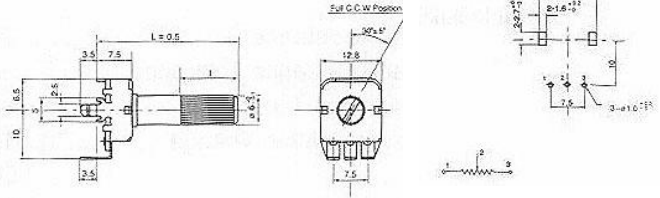


## INSULATED SHAFT ROTARY POTENTIOMETER

**Q-4540**

**F-124K**

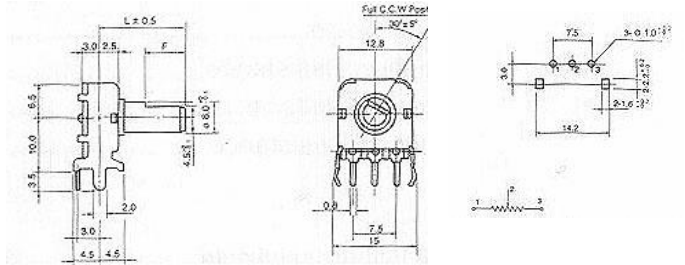
Horizontal Type, Single Unit,  
P.C.B. Terminal



**Q-4542**

**F-124KP**

Vertical Type, Single Unit,  
P.C.B. Terminal



### SPECIFICATIONS

#### Electrical Characteristics

- Total Resistance..... 1 K $\Omega$  ~ 500 K $\Omega$
- Total Resistance Tolerance .....  $\pm 20\%$
- Resistance Taper..... A, B, C, D, See P81
- Max. Operation Voltage ..... Linear Taper B : AC 150 V. Other Tapers : AC 100V
- Rated Power..... Linear Taper B : 0.08 W, Other Tapers : 0.04 W
- Sliding Noise..... Less than 100 mV
- Insulation Resistance ..... More than 50 M $\Omega$  at DC 500 V
- Withstand Voltage..... 1 minute at AC 500 V
- Residual Resistance ..... Term. 1~2: Less than 20 $\Omega$   
Term. 2~3: Less than 20 $\Omega$

#### Mechanical Characteristics

- Total Rotational Angle ..... 300°  $\pm$  5°
- Rotational Torque..... 20 gf.cm ~ 200 gf.cm
- Rotational Stopper Strength... 3.0 Kgf.cm Min
- Push-Pull Strength ..... 8.0 Kgf Min

#### Durability

- Rotational Life ..... 10,000 Cycles