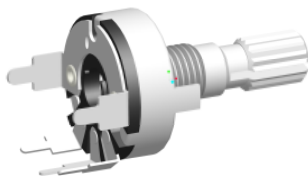




SONG HUEI ELECTRIC CO.,LTD

17mm Metal Shaft Rotary Potentiometer

17N4



Part Number

17N4 – B 10K, L- 20 KC

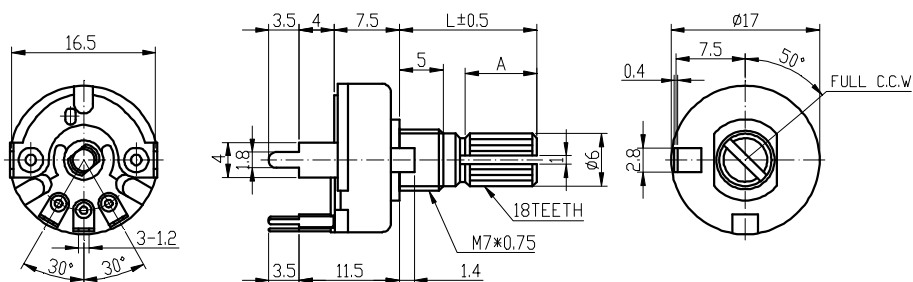
Taper

Shaft Length

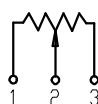
Resistance value

Shaft Type

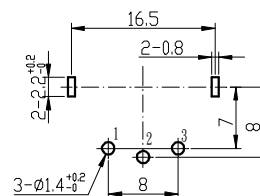
Dimensions



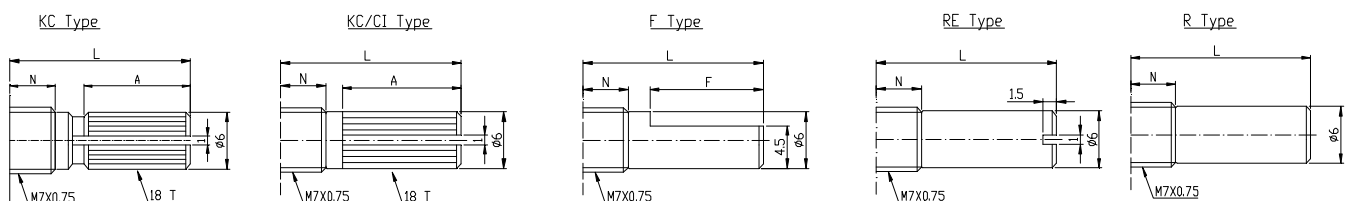
CIRCUIT



P.C.B LAYOUT



Shaft Type



		N=5mm									
Shaft Type	L	10	12	15	17	20	25	30	35	40	
KC	A	3.2		6	8	12	12	12	12	12	
	M	0.5		1	1	2	2	4	4	4	
KC/CI	A	1.5	5	8	10	13					
F	F	4	4	7	7	12	12	12	12	12	
R,RE	L	10		15	17	20	25	30	35	40	

**17mm Metal Shaft Rotary Potentiometer****General**

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

Electrical Characteristics

Total resistance	100Ω~2MΩ
Resistance tolerance	±20% (more than 1MΩ ±30%)
Resistance taper	A B C W
Sliding noise	Less than 47 mV
Residual resistance	≤10 Ω Max
Insulation resistance	More than 100 MΩ at DC 500 V
Rated power(W)	Linear (B) taper : 0.1 W Other taper : 0.05 W
Max. Operating voltage	Linear (B) taper : 200 V Other taper : 150 V
Withstand voltage	1 Minute at AC 500 V

Mechanical Characteristics

Total rotational angle	260 °±10 °
Rotational torque	30~200 gf.cm
Rotational stopper strength	3 Kgf.cm Min
Shaft push-pull strength	8 Kgf.cm Min.
Rotational life	15,000 Cycles