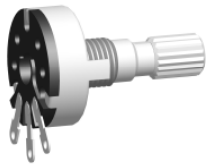
SONG HUEI ELECTRIC CO.,LTD

17mm Metal Shaft Rotary Potentiometer

17N1

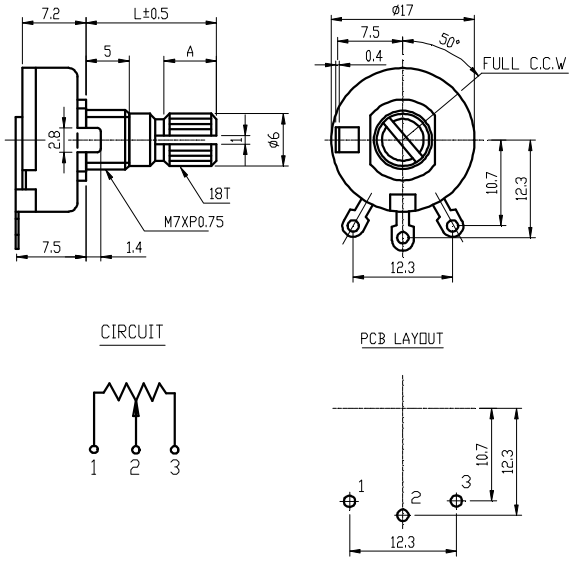


Part Number

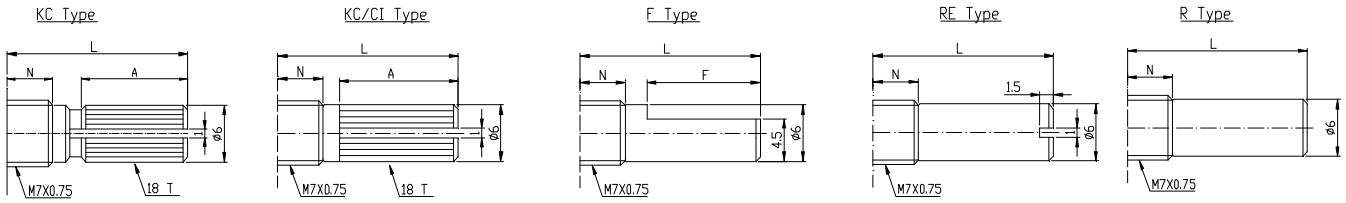
17N1 – B 10K, L- 20 KC

- B: Taper
- 10K: Resistance value
- 20: Shaft Length
- KC: Shaft Type

Dimensions



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

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General

Operating temperature	-10 ℃ ~ +70 ℃
Manual soldering	300 ℃ 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