



SONG HUEI ELECTRIC CO.,LTD

24mm Metal Shaft Rotary Potentiometer 24mm 金屬軸旋轉電位器

R-24N4

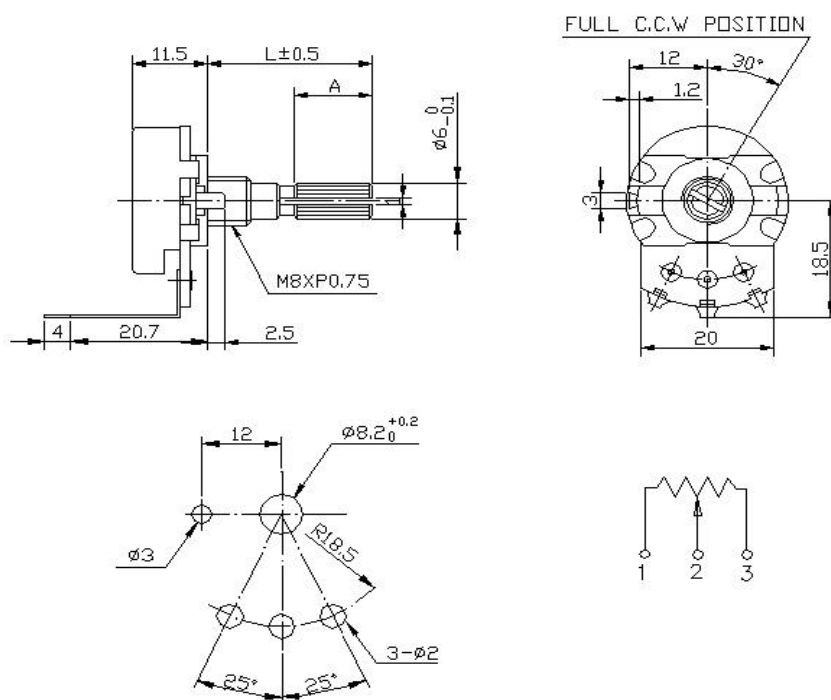


Part Number

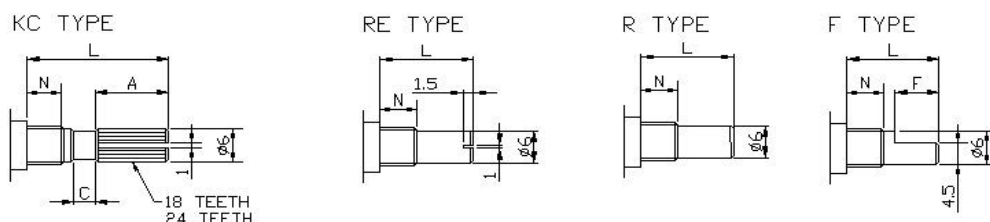
R-24N4- **B** **5K**, L - **20** **KC**

Taper Resistance Value Shaft Type
 線性 阻值
 Shaft Length
 軸長

Dimensions 規格尺寸



Shaft Type 軸型



Ni6.5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	2.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
F	F	2.5	7	12	12	12	12	12
R, RE	L	10	15	20	25	30	35	40



24mm Metal Shaft Rotary Potentiometer
24mm 金屬軸旋轉電位器

Electrical Characteristics 電氣特性

All Resistance 總阻值	1K ~ 1M Ω				
All Resistance Tolerance 總阻值誤差	$\pm 20\%$ (more than 1M Ω $\pm 30\%$)				
Resistance Taper 線性	A. B. C. D. W. Taper				
Resistance Taper Characteristics 阻值變化特性範圍	A50%	B50%	C50%	D50%	W50%
	15-25%	40-60%	75-85%	2-15%	45-55%
Rated Power 定格電力	B Taper: AC500V0.5W; Other Taper: AC250V0.25 W				
Residual Resistance 殘留阻值	R $\geq$ 250K Ω 0.1%				
	250K Ω > R > 10K Ω 10 Ω Max. 10K Ω $\geq$ R 10 Ω Max.				
Noise 雜音	47 mV max.				
Insulation Resistance 絕緣阻抗	More than 100M Ω at DC 500V				
Withstand Voltage 耐電壓	1 minute at AC 250V				
Rotational Life 旋轉壽命	15,000 Cycles.				

Mechanical Characteristics 機械特性

Total Rotational Angle 全迴轉角度	300° $\pm$ 10°
Stopper Strength 全迴轉止強度	5 kgf.cm max./ 3 sec .
Rotational Torque 旋轉扭力	30 ~ 200gf.cm max.
Push-Pull Strength 壓入拉起強度	10 kgf.cm max./3 sec.
Solder Heat 焊錫耐熱性	300 ,3s (Only For Hand-Soldering)
Remark 備註	Shaft: Cast Iron , Aluminum Zinc , Plastic Bushing Material: cast iron