SONG HUEI ELECTRIC CO.,LTD

10mm Ultra Thin Micro Rotary Potentiometers (10mm 薄型旋轉式電位器)

R1001N11A1

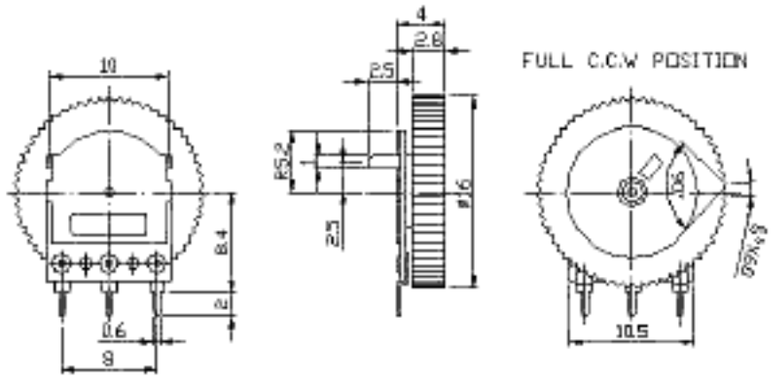


Part Number

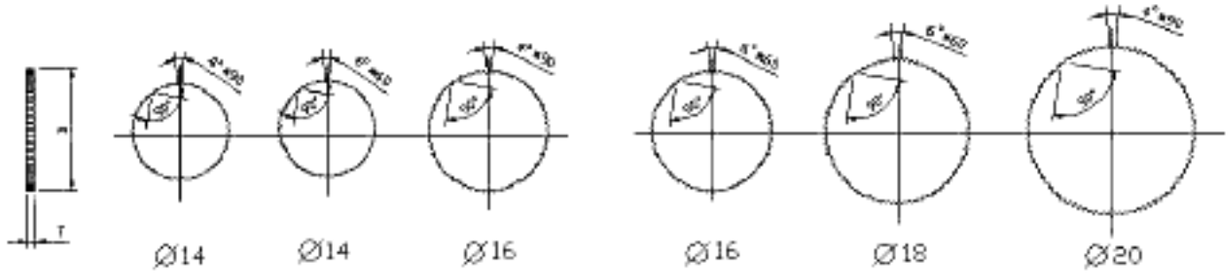
R1001N11A1-B 50K / φ16 x 2.8

- B → Taper 線性
- 50K → Resistance value 阻值
- φ16 → Knob Diameter 旋鈕外徑 (D)
- 2.8 → Knob Thickness 旋鈕厚度 (T)

Dimensions 規格尺寸



Shaft Type 軸型



(Unit:mm)

D	Ø14	Ø14	Ø14	Ø16	Ø16	Ø16	Ø17	Ø18	Ø18	Ø18	Ø20
T	1.0	2.0	2.8	1.0	2.0	2.8	2.8	1.0	2.0	2.8	2.8

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Electrical Characteristics 電氣特性

Total Resistance 總阻值	500Ω ~ 1MÙ				
Total Resistance Tolerance 總阻值誤差	± 20%				
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	0.05 W				
Residual Resistance 殘留阻值	R≥ 250KΩ 0.1% 250KΩ> R> 10KΩ 20ΩMax. 10KΩ≥ R 20ΩMax.				
Noise 雜音	100 mV MAX.				
Gang Error 連動誤差	-40dB ~ 0db ≦ 4 db				
Max. Operation Voltage 最高使用電壓	AC 50V; DC12V				
Insulation Resistance 絕緣阻抗	DC 100V 100MΩ				
Withstand Voltage 耐電壓	1 minute at AC 100V				
Rotational Life 旋轉壽命	More than 10,000 Cycles				

Mechanical Characteristics 機械特性

Total Rotational Angle 全迴轉角度	270° ± 10°
Stopper Strength 全迴轉止強度	0.8kgf.cm max./3 minute.
Rotational Torque 迴轉扭力	20 ~ 100 gf.cm
Shaft Pull-Push Strength 軸心壓入拉起強度	Pull 0.5Kg.f max. Push 0.2Kg.f max.
Soldering Heat 焊錫耐熱性	300℃, 3s. (Only for Hand-Soldering)