



24mm Metal Shaft Rotary Potentiometer – With Switch
24mm 金屬軸旋轉電位器 – 帶開關

Electrical Characteristics 電氣特性

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

All Resistance 總阻值	1K ~ 1MΩ				
All Resistance Tolerance 總阻值誤差	± 20% (more than 1MΩ ± 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: 500V 0.5W; Other Tapers: 250V 0.25 W				
Residual Resistance 殘留阻值	R ≥ 250KΩ 0.1%				
	250KΩ > R > 10KΩ		10Ω Max.		
	10KΩ ≥ R		10Ω Max.		
Noise 雜音	47 mV max.				
Switch Rated Power 開關定格電力	AC/DC 125 V 1.0A				
Switch Contact Resistance 開關接觸阻值	0.3 mΩ max.				
Insulation Resistance 絕緣阻抗	More than 100 MΩ 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° ± 10°
Stopper Strength 全迴轉止強度	5 kgf.cm max./3 sec.
Rotational Torque 迴轉扭力	30 ~ 200gf.cm
Switch Action 開關行動	200 ~ 800gf.cm
Switch Rotational Angle 開關全迴轉角度	50° ± 5°
Pull-Push Strength 壓入拉起強度	10 kgf.cm max./3 sec.
Switch Circuit 開關迴路	S.P.S.T.
Solder Heat 焊錫耐熱性	300°C, 3s (Only For Hand-Soldering)
Remark 備註	Shaft: Cast Iron, Aluminum Zinc, Plastic Bushing Material: Cast Iron, plastic