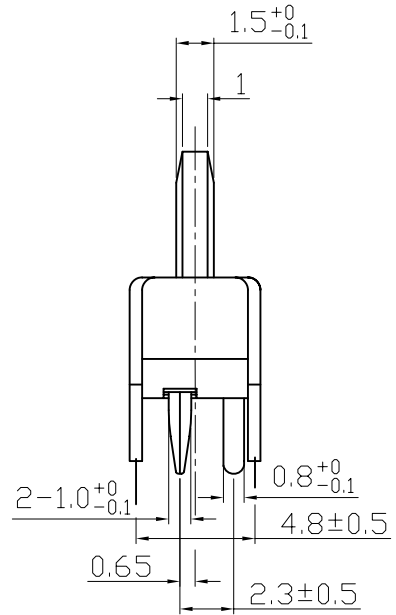
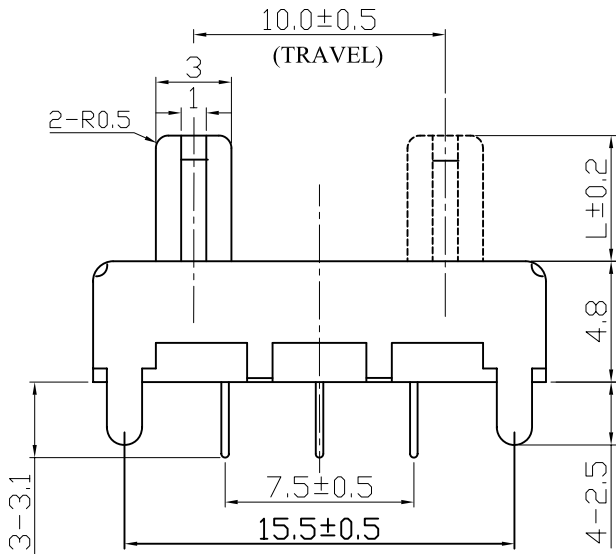
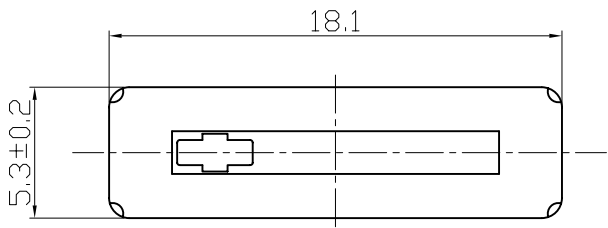


一、直滑式電位器系列技術規格書

Slide Potentiometers Technic Specifications

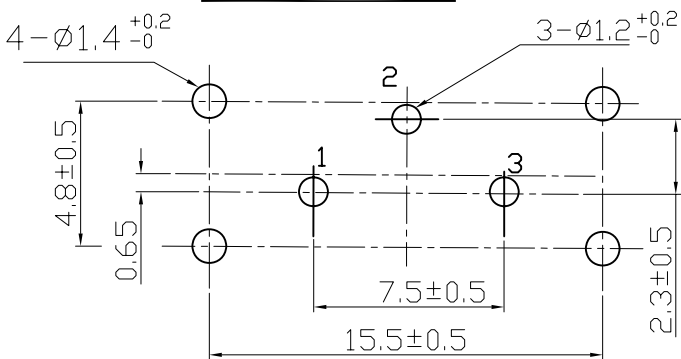
1. 電氣性能 (Electrical Characteristic)					
序号	項目			特性	
1.1	全阻抗值 (Total Resistance)			1K~1MΩ	
1.2	全阻抗值允許偏差 (Total Resistance Tolerance)			±20%	
1.3	電阻隨溫度變化特性 (Resistance of temperature change character)			20℃~75℃: $\Delta R/R \leq \pm 5\%$, -25℃~20℃: $\Delta R/R \leq \pm 4.5\%$	
1.4	阻值變化特性 (Resistance Taper)			B	
1.5	零位阻值 (Residual Resistance)			$R \geq 250K\Omega$ 0.1%max. of total resistance $250K\Omega > R > 10K\Omega$ 20Ω $10K\Omega \geq R$ 10Ω max.	
1.6	額定功率 (Rated Power)			Taper B: 0.05W Other taper: 0.025W	
1.7	最高使用電壓 (Max. Operating Voltage)			AC 100V	
1.8	動雜音 (Rotational Noise)			Less than 100mV	
1.9	絕緣阻抗 (Insulation Resistance)			10MΩ at 250V DC	
1.10	耐電壓 (WithStand Voltage)			For 1 minute at: 100V	
1.11	同步誤差 (Gang Error)			0dB~-40dB ≤3dB	
2. 機械性能 (Mechanical Characteristics)					
2.2	滑動力矩 (Operating force)			10~200gf. cm	
2.3	柄的拉、押強度 (Pull-Push Strength)			3Kgf	
2.4	止檔強度 (Stopper strength)			1Kgf. cm. max	
2.5	定位點位置 (Click Position)			C	
2.6	柄的搖動量 (Lever Wobble)			2(2*L)/20mm max, (L=軸長)	
2.7	焊錫耐熱性 (Resistance To Soldering Heat)			$260 \pm 5^\circ\text{C}$ and less than 3 seconds	
3. 耐久性能 (Durability)					
3.1	滑動壽命 (Sliding Life)			10,000 Cycles	
4. 外形尺寸圖/曲線特性圖 (Shape size drawing/curve characteristic drawing)				見附頁 (Please see attachment)	
批 准		審 核		設 計	

外形圖 Mechanical Dimensions

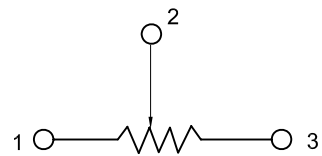


X	1	2	3
L	2.5	5	10

安裝孔位置圖
Mounting Hole



接線圖
Circuit Explanation

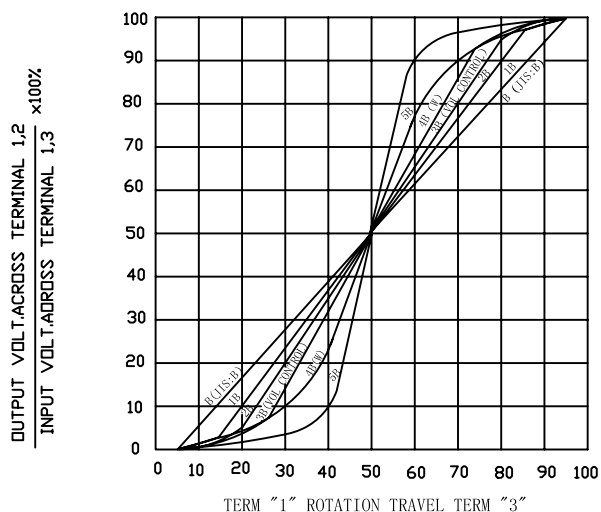


3				PRODUCT NAME	Slide Potentiometers (with case)		
2				MODEL NAME	C1001N- □ A1-VALUE X		
1				APPROVED BY	CHECKED BY	DRAWN BY	
NO	DATE	DESCRIPTION					
	DIMENSION	TOLERANCE	SCALE				
	$l \leq 10$	± 0.2	UNIT	mm			
	$10 < l \leq 30$	± 0.5	VER.				
	$30 < l \leq 100$	± 1.0	DATE	07/06/07			

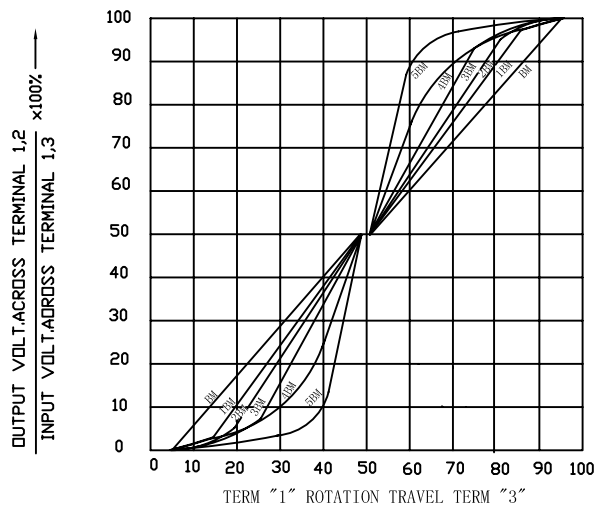


RESISTANCE TAPER

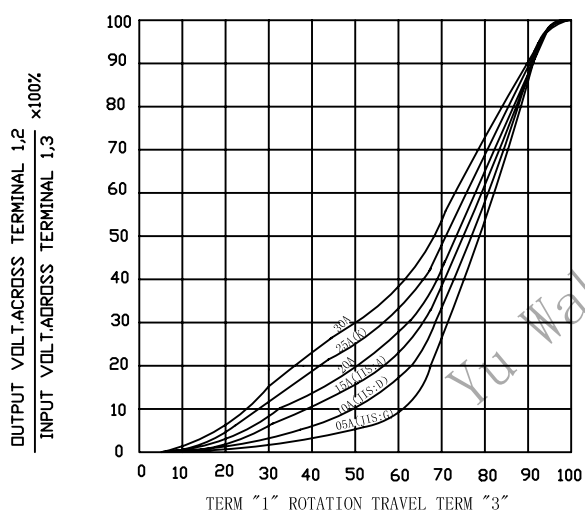
TAPER B SERIES



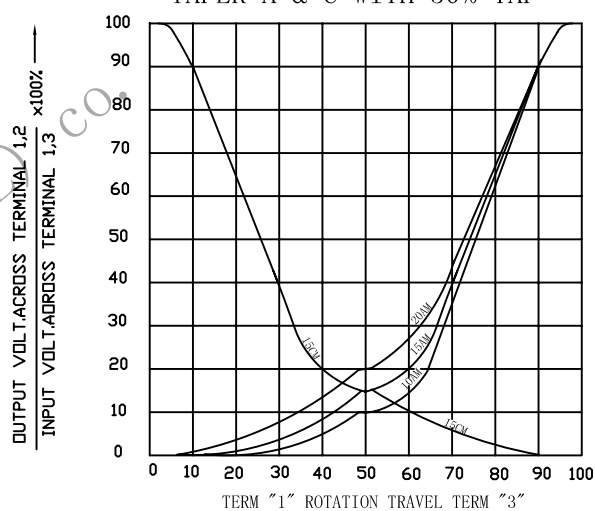
TAPER B WITH 50% TAP



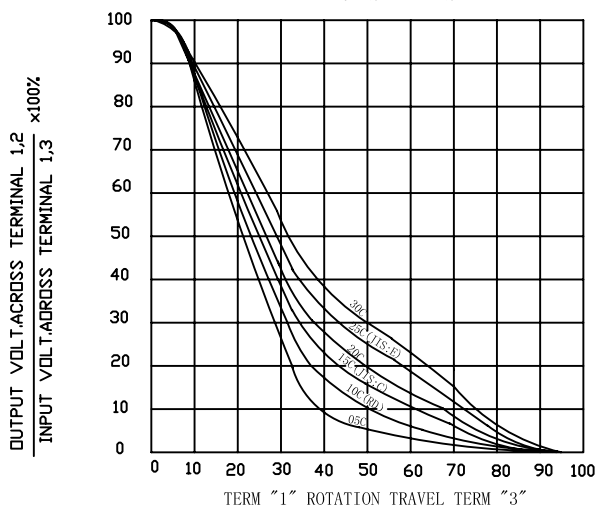
TAPER A SERIES



TAPER A & C WITH 50% TAP



TAPER C SERIES



TAPER M & N SERIES

