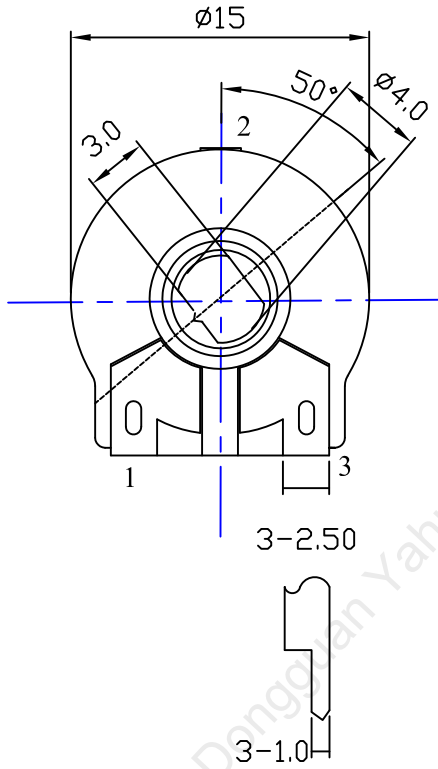
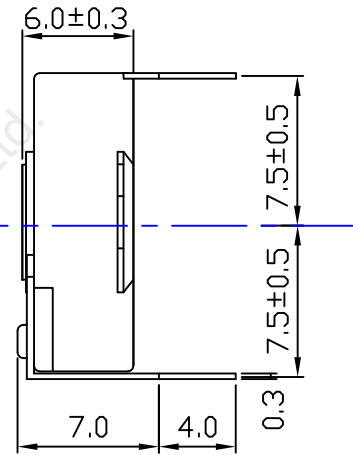
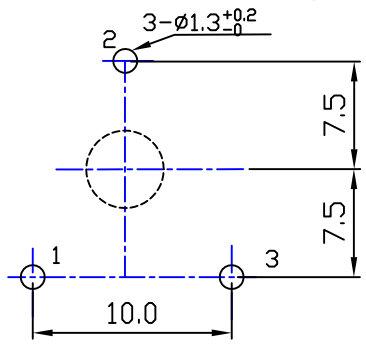


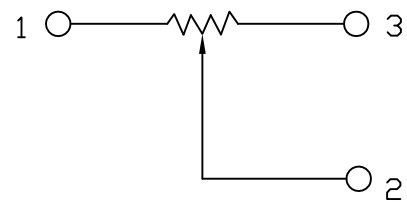
外形圖 Mechanical Dimensions




安裝孔位置圖
Mounting Hole



接線圖
Circuit Explanation



 東莞市雅弧電子有限公司 DongGuan YaHu Electronic Co.,Ltd.				PRODUCT NAME	15mm Spanish Potentiometers		
2				MODEL NAME	SB155-2-Value		
1				APPROVED BY	CHECKED BY	DRAWN BY	
NO	DATE	DESCRIPTION					
DIMENSION	TOLERANCE	SCALE	2 : 1				
l ≤ 10	±0.2	UNIT	mm				
10 < l ≤ 30	±0.5	VER.					
30 < l ≤ 100	±1.0	DATE	07/5/10				

R & D

2017.03.16

Lisa



一、微調電阻系列技術規格書

Common Specification For Semi-Fixed Potentiometers

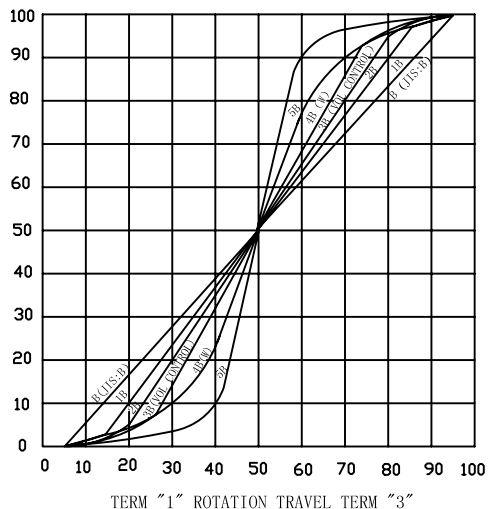
1. 電器性能 (Electrical Characteristic)					
序号	項目			特性	
1.1	全阻抗值 (Total Resistance)) $SS\Omega \sim 2M\Omega$	
1.2	全阻抗值允许偏差 (Total Resistance Tolerance)			$\pm \% \%$	
1.3	阻值變化特性 (Resistance Taper)			A, B	
1.4	零位阻值 (Residual Resistance)			Term 1~2: Less than 20Ω Term 2~3: Less than 20Ω	
1.5	額定功率 (Rated Power)			Carbon Film Type 0.25W	
1.6	最高使用電壓 (Max. Operating Voltage)			DC 250V	
1.7	耐电压 (Withstand Voltage)			1 minute at DC 250V	
1.8	耐温特性 (Temperature Characteristic)			$-10^{\circ}\text{C} \sim 70^{\circ}\text{C} : \Delta R/R \leq \pm 8\%$	
1.9	潮濕環境下負載性能 (Load Life In Humidity)			<u>20%</u> Max <u>350</u> hours rated in <u>90%</u> RH <u>40</u> $^{\circ}\text{C}$	
2. 機械性能 (Mechanical Characteristics)					
2.1	全回轉角度 (Rotation Angle)			$265^{\circ} \pm 10^{\circ}$	
2.2	旋轉力矩 (Rotation Torque)			10~30gf. cm	
2.3	轉動止檔強度 (Rotational Stop-End Torque)			1Kgf. cm. max	
2.4	焊錫耐熱性 (Resistance to soldering heat)			<u>260</u> \pm <u>5</u> $^{\circ}\text{C}$ and less than <u>3</u> seconds	
3. 耐久性能 (Durability)					
3.1	回轉壽命 (Rotation Life)			10,000 cycles min	
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	

RESISTANCE TAPER



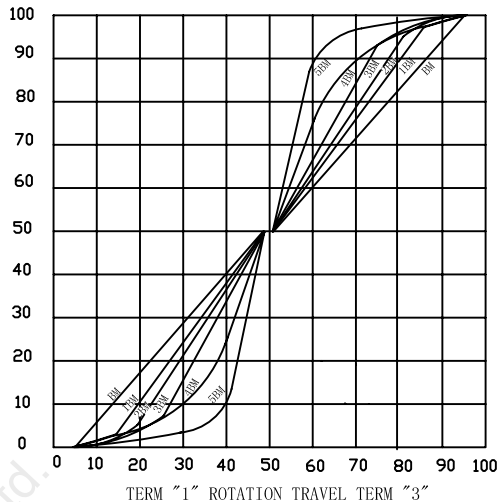
TAPER B SERIES

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$



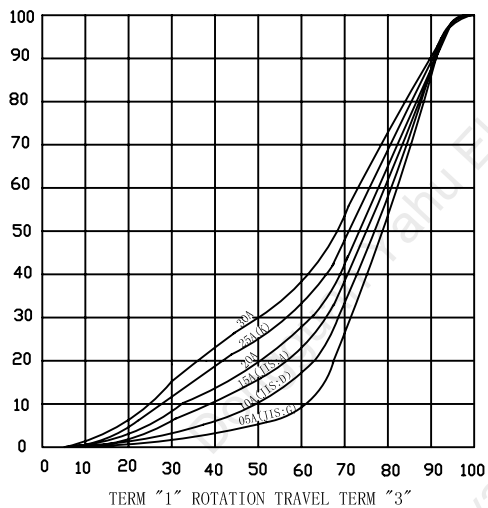
TAPER B WITH 50% TAP

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$



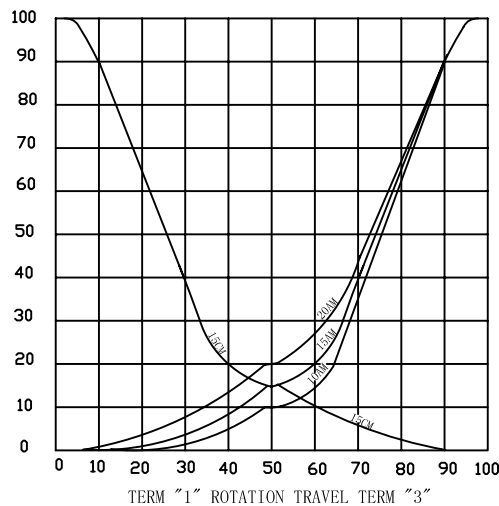
TAPER A SERIES

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$



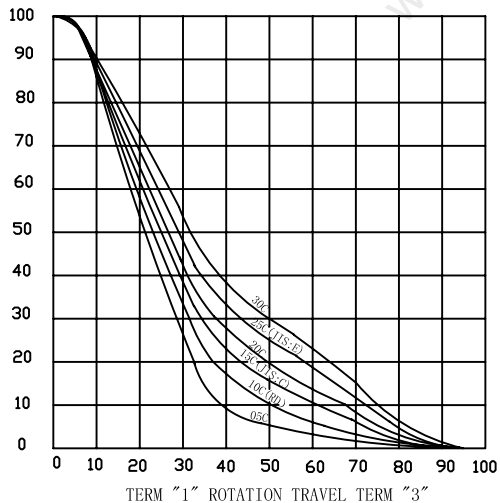
TAPER A & C WITH 50% TAP

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$



TAPER C SERIES

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$



TAPER M & N SERIES

$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$

