



一、微調電阻系列技術規格書

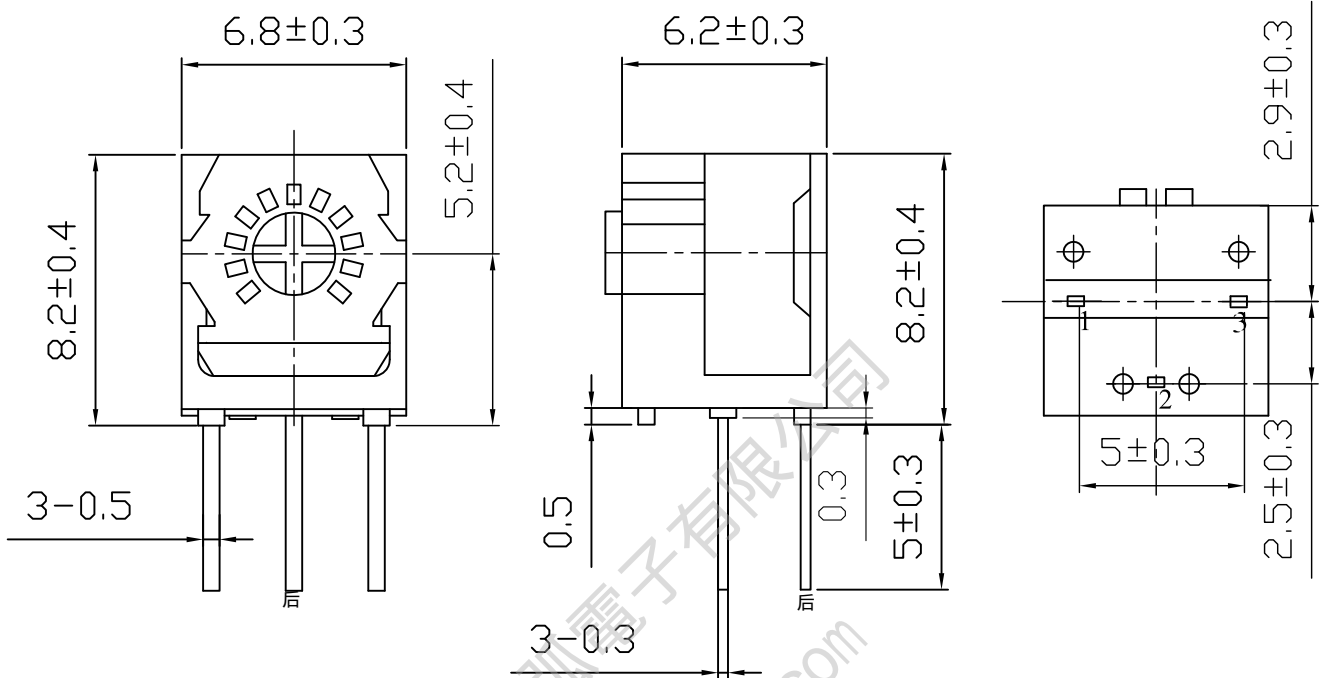
Common Specification For Semi-Fixed Potentiometers

1. 電器性能 (Electrical Characteristic)					
序号	項目			特性	
1.1	全阻抗值 (Total Resistance)			10 Ω ~ 5M Ω	
1.2	全阻抗值允許偏差 (Total Resistance Tolerance)			± 10%	
1.3	溫度變化 (Temperature Variation)			-55℃, 30min, +125℃ 30min循環5次 △ R ≤ 2%R, △(Uab/Uac) ≤ 1%	
1.4	阻值變化特性 (Resistance Taper)			B	
1.5	零位阻值 (Residual Resistance)			≤ 1%或2 Ω	
1.6	額定功率 (Rated Power)			0.25W at 70℃	
1.7	耐電壓 (Withstand Voltage)			500V AC	
1.8	溫度係數 (Temperature Coefficient)			± 250ppm/℃	
1.9	絕緣電阻 (Insulation Resistance)			≥ 1G Ω (500V AC)	
1.10	溫度範圍 (Temperature Range)			-55℃ ~ +125℃	
2. 機械性能 (Mechanical Characteristics)					
2.1	有效行程 (Effective Travel)			270° ± 10°	
2.2	旋轉力矩 (Rotation Torque)			≤ 30mN.m	
2.3	轉動止檔強度 (Rotational Stop-End Torque)			0.5kgf.cm.max	
2.4	焊錫耐熱性 (Resistance to soldering heat)			260 ± 5℃ and less than 3 seconds	
3. 耐久性能 (Durability)					
3.1	回轉壽命 (Rotation Life)			200cycles	
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	

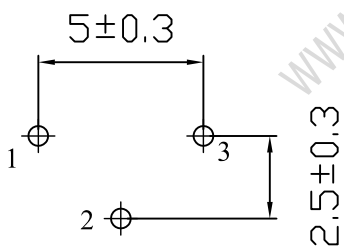




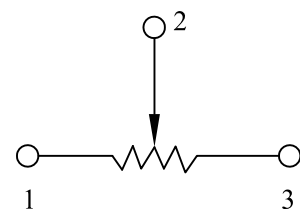
Mechanical Dimensions



Circuit Explanation



Mounting Hole



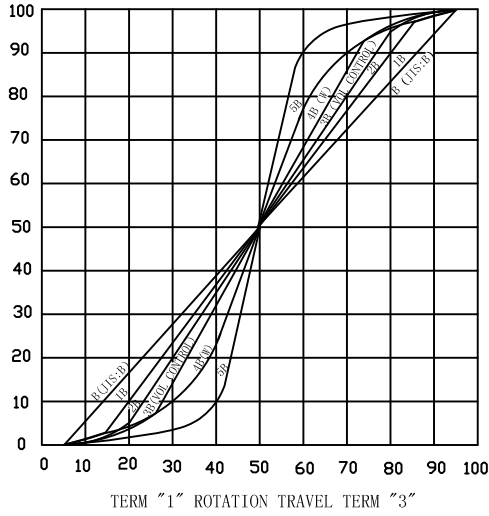
東莞市雅弧電子有限公司 DongGuan YaHu Electronic Co.,Ltd.				PRODUCT NAME	Semi-Fixed Potentiometers	
2				MODEL NAME	JM3323-W-Value	
1				APPROVED BY	CHECKED BY	DRAWN BY
NO	DATE	DESCRIPTION				
	DIMENSION	TOLERANCE	SCALE			
	$l \leq 10$	± 0.2	UNIT	mm		
	$10 < l \leq 30$	± 0.5	VER.			
	$30 < l \leq 100$	± 1.0	DATE	07/06/07		

RESISTANCE TAPER



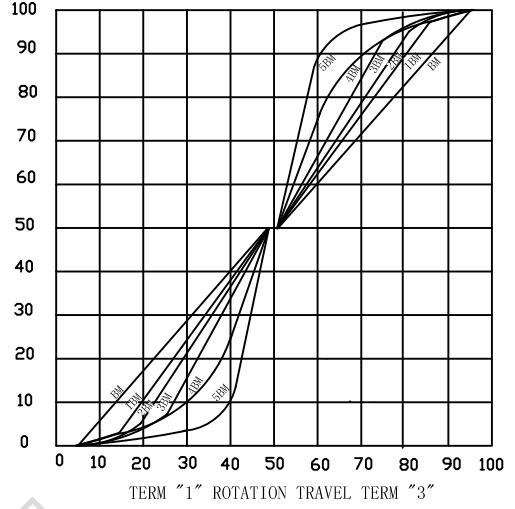
$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$

TAPER B SERIES



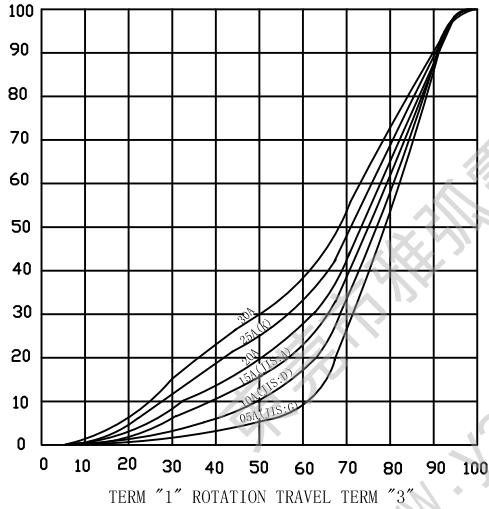
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TAPER B WITH 50% TAP



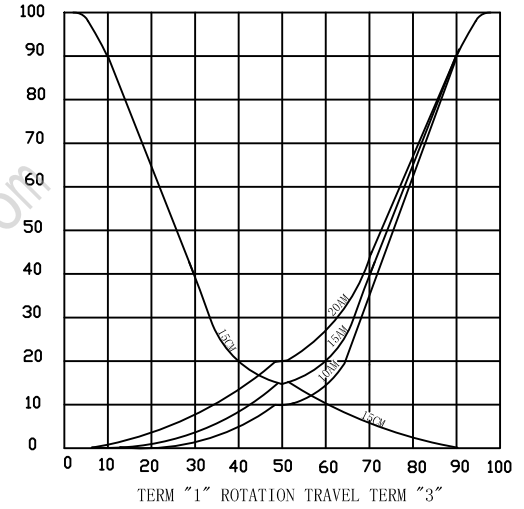
$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$

TAPER A SERIES



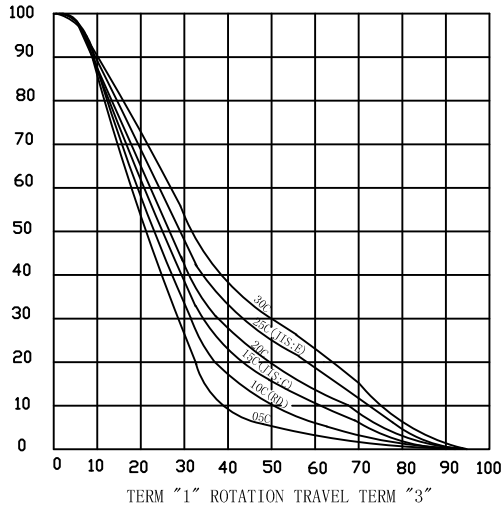
$$\frac{\text{OUTPUT VOLT.ACROSS TERMINAL 1,2}}{\text{INPUT VOLT.ACROSS TERMINAL 1,3}} \times 100\%$$

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



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

M

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

N

TAPER M & N SERIES

