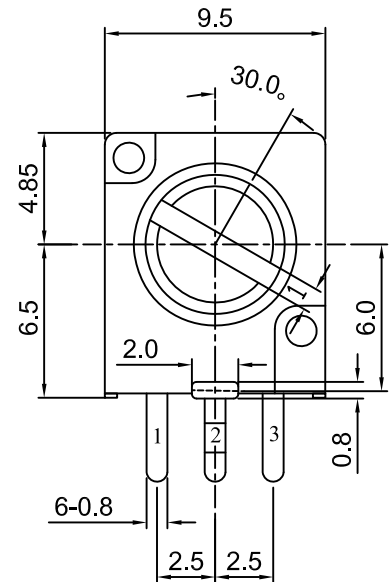
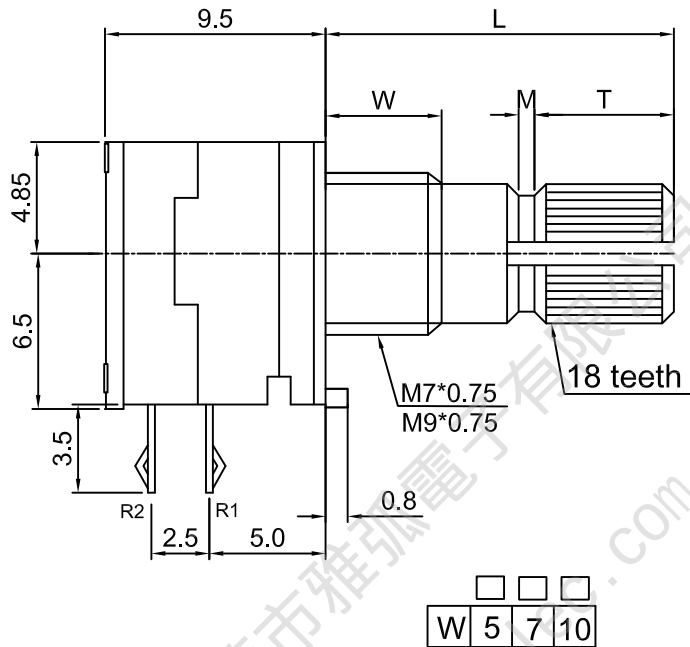


一、旋轉式電位器系列技術規格書

Rotary Series Potentiometers Technic Specifications

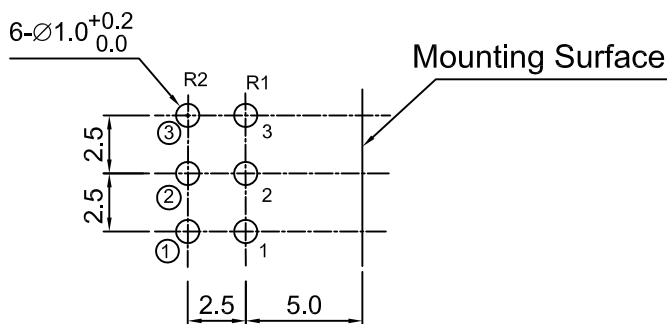
1.電氣性能 (Electrical Characteristic)					
序号		项目		特性	
1.1		全阻抗值 (Total Resistance)		500Ω~2MΩ	
1.2		全阻抗值允许偏差 (Total Resistance Tolerance)		±10%, ±20%	
1.3		電阻隨溫度變化特性 (Resistance of temperature change character)		20°C-75°C:△R/R≤±5%, -25°C-20°C:△R/R≤±4.5%	
1.4		阻值變化特性 (Resistance Taper)		A, B, C	
1.5		零位阻值 (Residual Resistance)		R≥250KΩ 0.1%max.of total resistance 250KΩ>R>10KΩ 20Ω 10KΩ≥R 10Ω max.	
1.6		額定功率 (Rated Power)		B taper 0.05W, Other taper 0.025W	
1.7		最高使用電壓 (Max.Operating Voltage)		B taper 50V AC, Other taper 25V AC	
1.8		動雜音 (Rotational Noise)		Less Than 100mV	
1.9		絕缘阻抗 (Insulation Resistance)		100MΩ Min.at 250V DC	
1.10		耐電壓 (WithStand Voltage)		For 1 minute at:AC250V	
1.11		同步誤差 (Gang Error)		-40dB ~ 0dB±3dB	
2.機械性能 (Mechanical Characteristics)					
2.1		全回轉角度 (Rotation Angle)		300°±10°	
2.2		旋轉力矩 (Rotation Torque)		10 ~ 200gf.cm	
2.3		軸的拉、押強度 (Pull-Push Strength)		5Kgf	
2.4		轉動止檔強度 (Rotational Stop-End Torque)		4kgf.cm	
2.5		焊錫耐熱性 (Resistance To Soldering Heat)		260±5°Cand less than 3 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 charcteristic drawing)				见附页 (Please see attachment)	
批 准		審 核		設 計	
				工程 部 2011.04.28 Lucky	

外形圖 Mechanical Dimensions

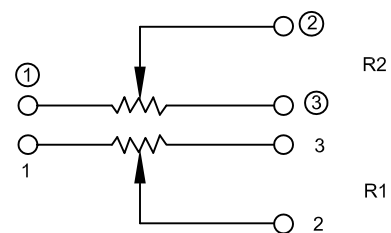


Shaft shown in full
C.C.W. position

安裝孔位置圖 Mounting Hole

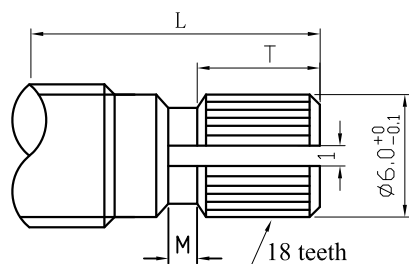


接線圖 Circuit Explanation



YaHu DongGuan YaHu Electronic Co.,Ltd.				PRODUCT NAME	Rotary Potentiometers	
2				MODEL NAME	RV0920G-□A1-Value	
1					X	
NO	DATE	DESCRIPTION		APPROVED BY	CHECKED BY	DRAWN BY
		DIMENSION	TOLERANCE	SCALE		
		$l \leq 10$	± 0.2	UNIT	mm	
		$10 < l \leq 30$	± 0.5	VER.		
		$30 < l \leq 100$	± 1.0	DATE	08/05/07	

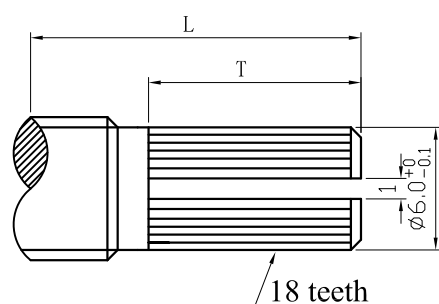
RV09 SERIES SHAFT TYPE



車床軸

KQ TYPE: ☐ ☐ ☐ ☐ ☐

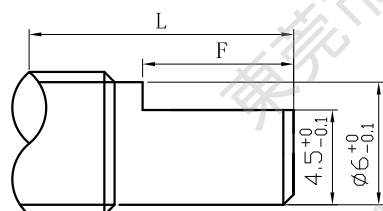
X	0	1	2	4	5
L	10	12	15	20	25
T	3.5	5	6.0	12	12
M	0.5	0.5	0.5	1	2



压铸軸

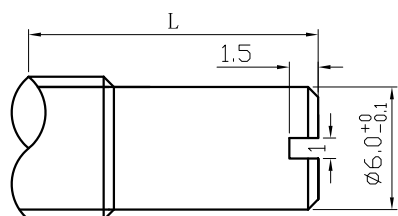
KQ TYPE: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

X	0	1	2	3	4	5	6	
L	10	12	15	17	20	25	30	
T	1.5	3.5	8.5	8.5	11.5	14	19	



F TYPE:

	☐	☐	☐	☐	☐	☐	☐	☐
X	A	C	D	Y	H	E	F	M
L	15	20	25	12	10	14.5	12.5	32
F	7	12	12	5	3.5	7.5	6	14

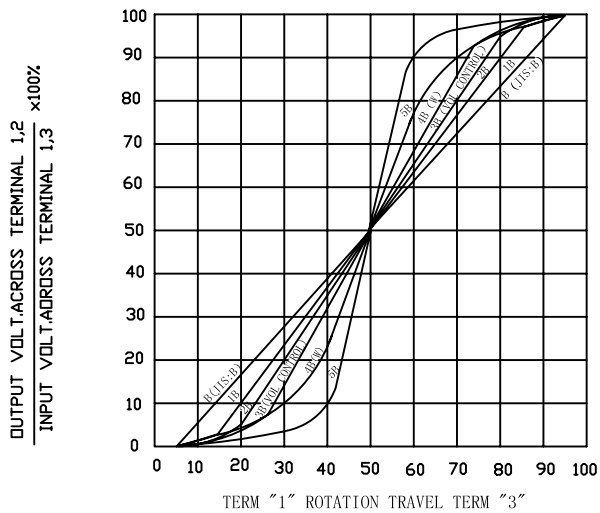


S TYPE: ☐ ☐ ☐ ☐ ☐ ☐

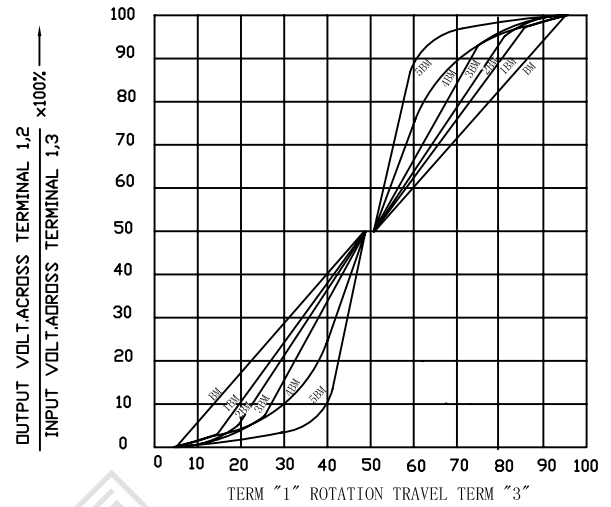
X	P	K	Q	R	S	
L	10	12	15	20	25	

RESISTANCE TAPER

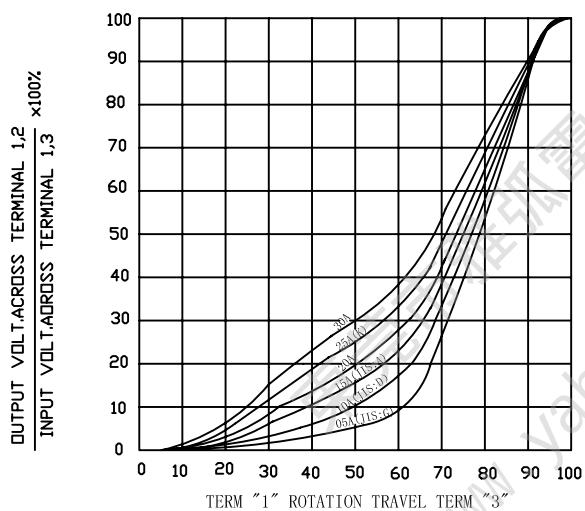
TAPER B SERIES



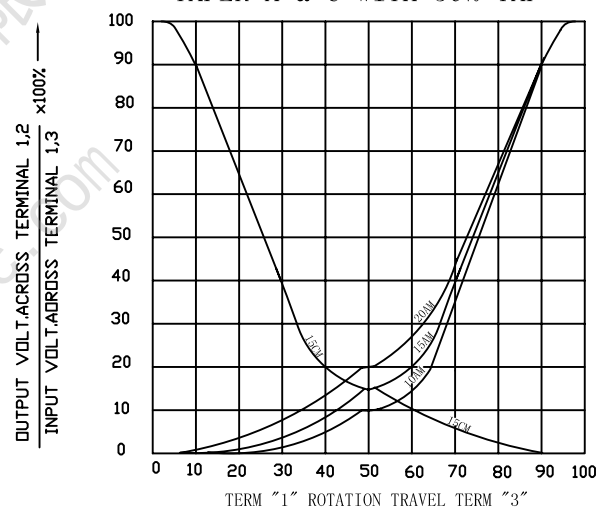
TAPER B WITH 50% TAP



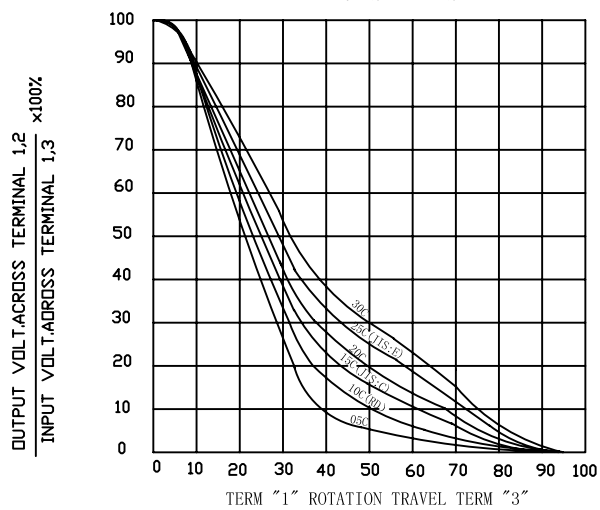
TAPER A SERIES



TAPER A & C WITH 50% TAP



TAPER C SERIES



TAPER M & N SERIES

