



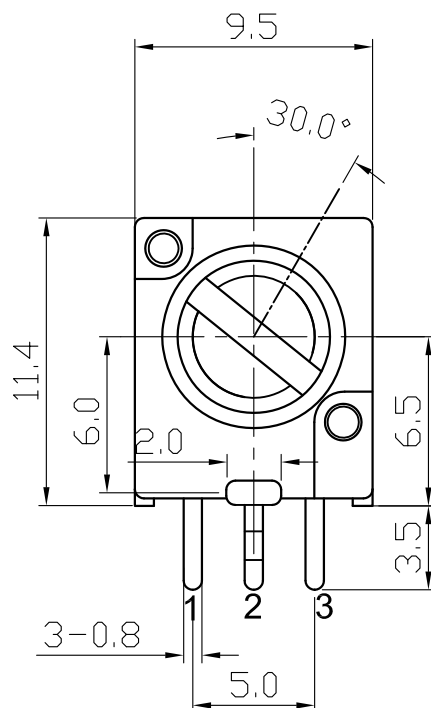
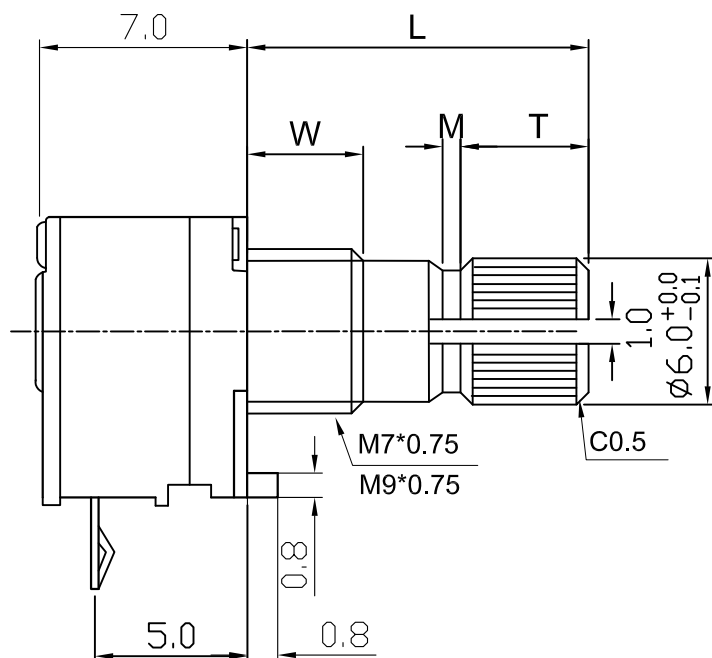
一、旋轉式電位器系列技術規格書

Rotary Series Potentiometers Technic Specifications

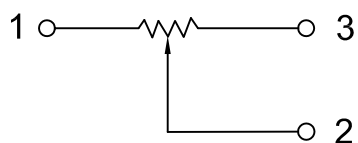
1.電氣性能 (Electrical Characteristic)					
序号	项目			特性	
1.1	全阻抗值 (Total Resistance)			1KΩ~2MΩ	
1.2	全阻抗值允许偏差 (Total Resistance Tolerance)			±10%, ±20%	
1.3	電阻隨溫度變化特性 (Resistance of temperature change character)			20°C-75°C:△R/R≤±5%, -25°C-20°C:△R/R≤±4.5%	
1.4	阻值變化特性 (Resistance Taper)			A, B, C	
1.5	零位阻值 (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	
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



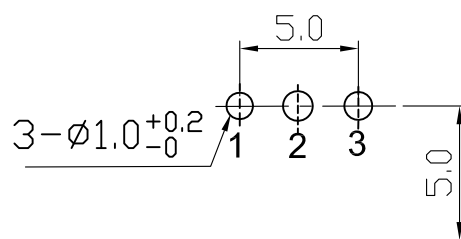
外形圖 Mechanical Dimensions



接線圖
Circuit Explanation



安裝孔位置圖
Mounting Hole

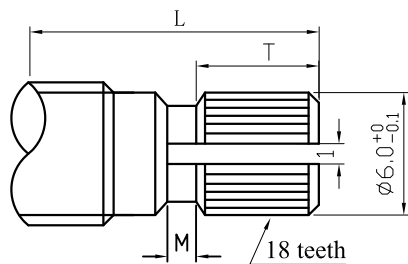


東莞市雅弧電子有限公司 DongGuan YaHu Electronic Co.,Ltd.				PRODUCT NAME	9mm Rotary Potentiometers	
2				MODEL NAME	RV0910N-□A1-Value X	
1						
NO	DATE	DESCRIPTION		APPROVED BY	CHECKED BY	DRAWN BY
		DIMENSION	TOLERANCE	SCALE		
		$l \leq 10$	± 0.2	UNIT	mm	
		$10 < l \leq 30$	± 0.5	VER.		
		$30 < l \leq 100$	± 1.0	DATE	08/08/01	

2011.04.28
Lucky



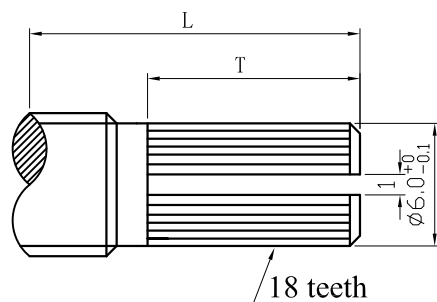
RV09 SERIES SHAFT TYPE



車床軸

KQ TYPE: ☐ ☐ ☐ ☐ ☐

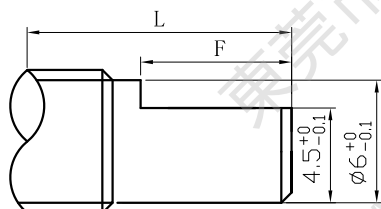
X	0	1	2	4	5
L	10	12	15	20	25
T	3.5	5	6.0	12	12
M	0.5	0.5	0.5	1	2



压铸軸

KQ TYPE: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

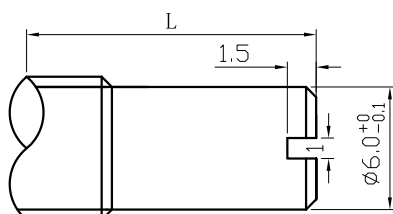
X	0	1	2	3	4	5	6	
L	10	12	15	17	20	25	30	
T	1.5	3.5	8.5	8.5	11.5	14	19	



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: ☐ ☐ ☐ ☐ ☐ ☐

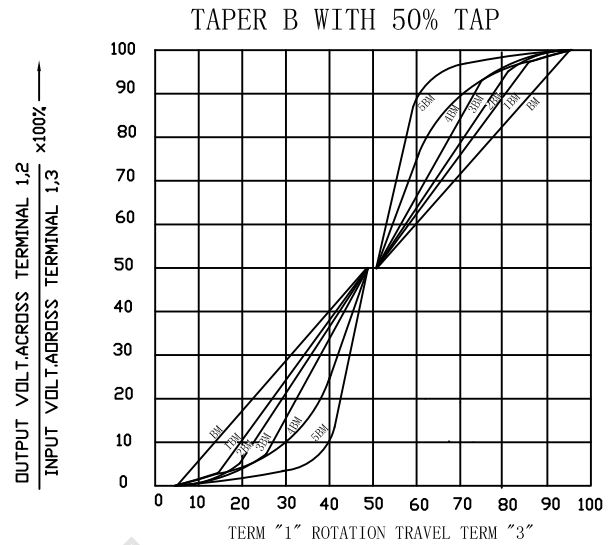
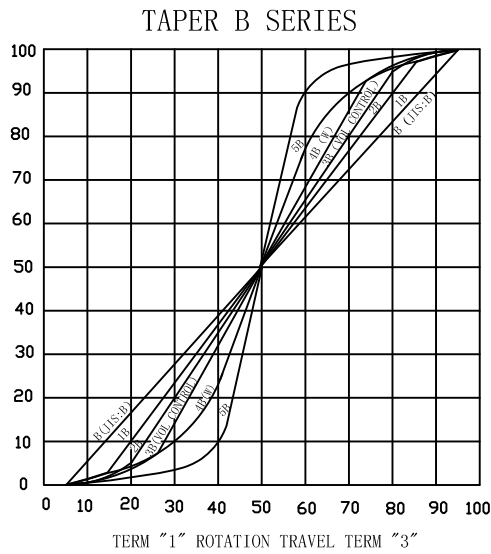
X	P	K	Q	R	S	
L	10	12	15	20	25	



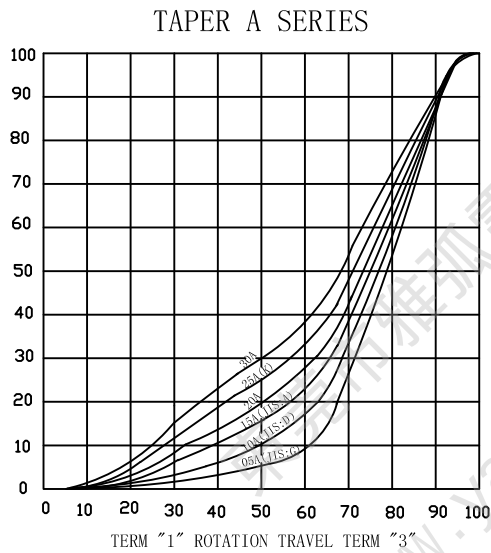
RESISTANCE TAPER



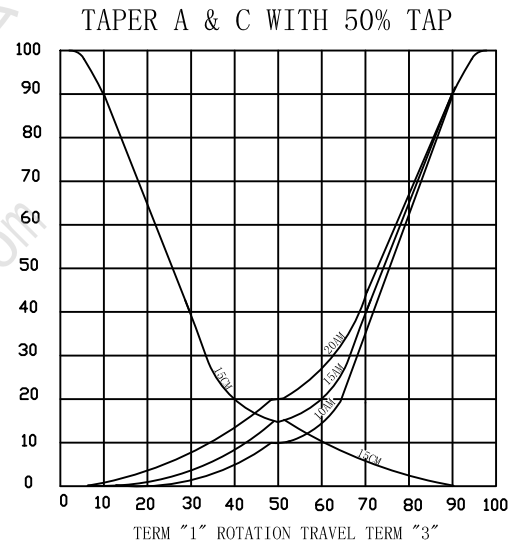
OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%



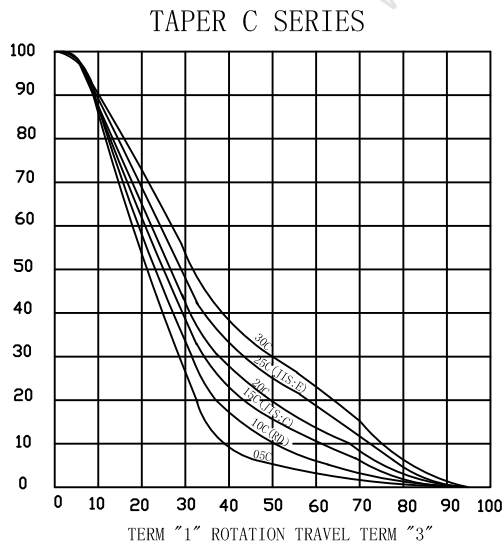
OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%



OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%



OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%

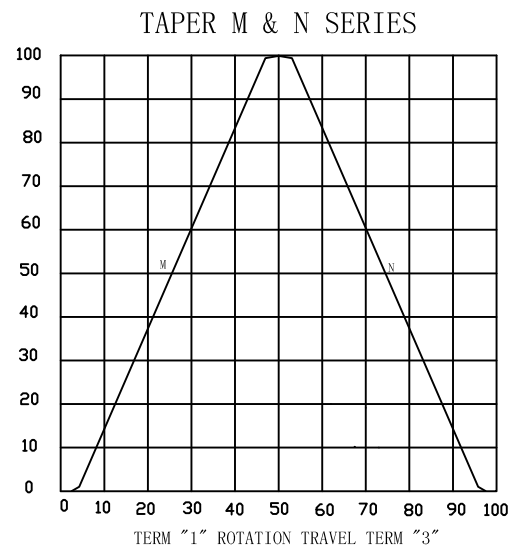


OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%

M

OUTPUT VOLT.ACROSS TERMINAL 1,2
INPUT VOLT.ACROSS TERMINAL 1,3
x100%

N



東莞市雅弧電子有限公司
DongGuan YaHu Electronic Co.,Ltd.