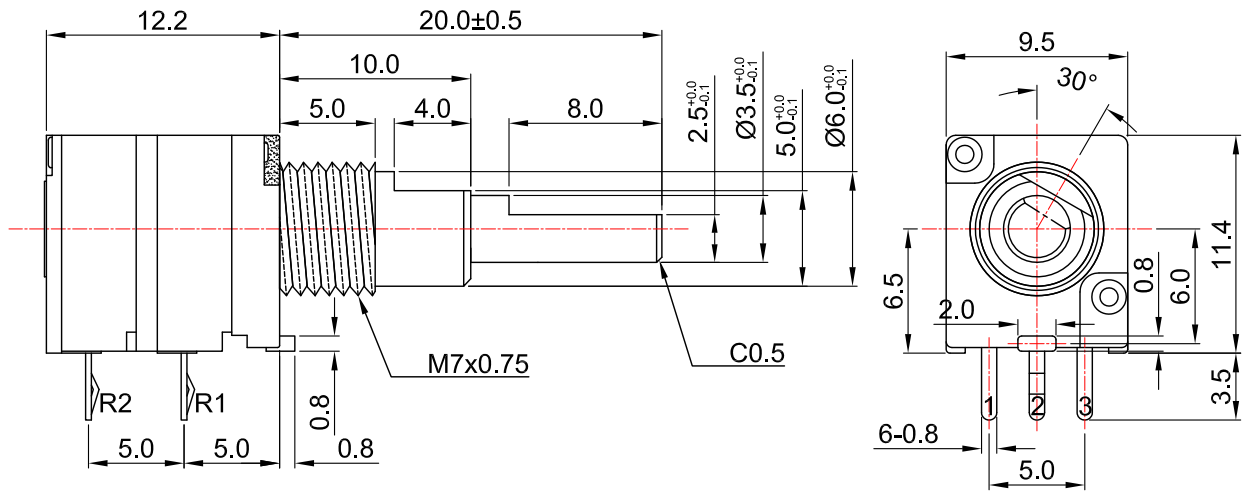
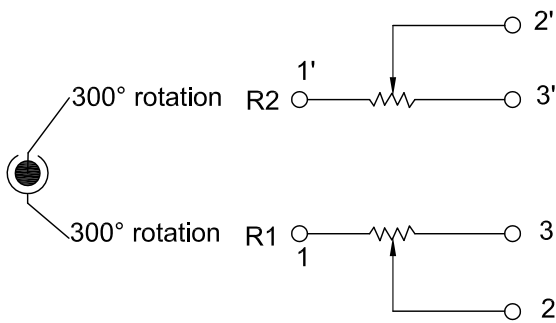


外形图 Mechanical Dimensions

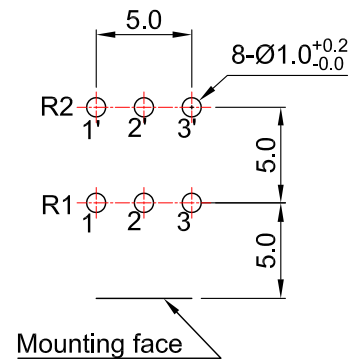


Shaft shown in full C.C.W. position

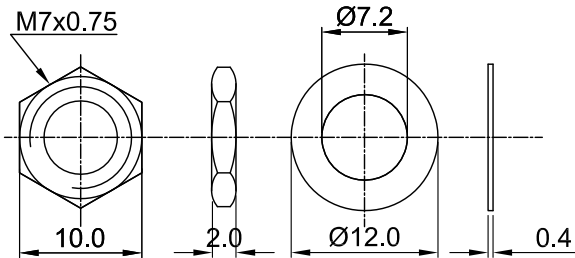
接线图 Circuit explanation



安装孔位置图 P.C.B. mounting hole detail


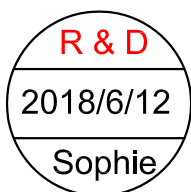



Attached parts: nut & washer



3			PRODUCT NAME	Rotary Potentiometer				
2			MODEL NAME	RG0911N-FF20A1-value-W5				
1			APPROVED BY	CHECKED BY	DRAWN BY			
NO	DATE	DESCRIPTION						
		DIMENSION	TOLERANCE				SCALE	
		$\int \leq 10$	± 0.2				UNIT	mm
		$10 < \int \leq 30$	± 0.5				VER.	A0
		$30 < \int \leq 100$	± 1.0	DATE	2015/9/19			
		All Angles	$\pm 5^\circ$					

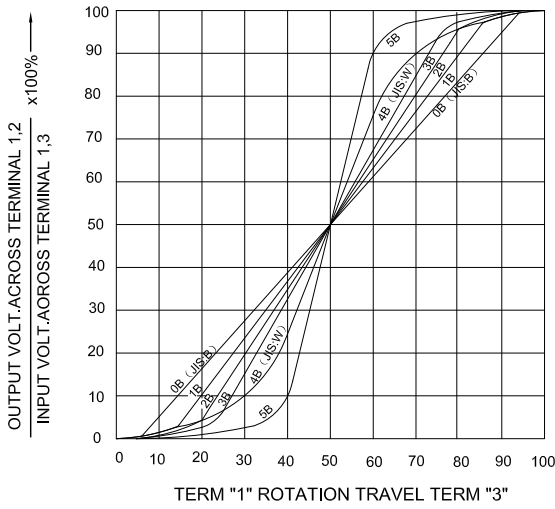
9 mm Rotary Potentiometers series Specifications

1.電氣性能 (Electrical Characteristics)	
1.1	全阻抗值 (Total Resistance) 1KΩ ~ 2MΩ
1.2	全阻抗值允許偏差 (Total Resistance Tolerance) ±20% (More than 1 M Ω ±30%)
1.3	電阻隨溫度變化特性 Resistance of temperature change character) 20°C-75°C:ΔR/R≤±5%, -25°C-20°C:ΔR/R≤±4.5%
1.4	阻值變化特性 (Resistance Taper) A, B, C, W
1.5	零位阻值 (Residual Resistance) R≥250KΩ / 0.1 % max. of total Value 250KΩ>R>10KΩ / 20Ω max. 10KΩ≥R / 10Ω max.
1.6	額定功率 (Rated Power) Linear Taper B: 0.05W Other Taper:0.025W
1.7	最高使用電壓 (Max.Operating Voltage) 50V AC
1.8	動雜音 (Rotational Noise) Less Than 100mV
1.9	絕緣阻抗 (Insulation Resistance) More than 100MΩ at DC 250V
1.10	耐電壓 (Withstand Voltage) For 1 minute at: AC 300V
1.11	开关额定功率(Switch Rated Power) -----
1.12	同步誤差 (Gang Error) -----
2.機械性能 (Mechanical Characteristics)	
2.1	全回轉角度 (Rotation Angle) 300°±5°
2.2	旋轉力矩 (Rotation Torque) 20~200gf.cm
2.3	軸的拉、押強度 (Pull-Push Strength) Pull 3Kgf.cm / Push 5 Kgf.cm
2.4	轉動止檔強度 (Rotational Stop-End Torque) 3 kgf.cm Min
2.5	开关角度(Switch Working Angel) -----
2.6	开关力矩(Switch Working Torque) -----
2.7	旋轉定位數目 (Number of Detents(click)) detent: 0, center, 11, 21, 41
2.8	焊錫耐熱性 (Resistance To Soldering Heat) 260±5°C and less than 3 seconds
3.耐久性能 (Durability)	
3.1	回轉壽命 (Rotation Life) 10,000 Cycles min.
3.2	工作溫度 (Operating temperature) -10°C~+70°C
4.1	外形尺寸圖/曲線特性圖 (Shape size drawing/curve characteristic drawing) 見附頁 Please refer the drawing
批 准	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>R & D 2018/6/12 Eva</p> </div> <div style="text-align: center;">審 核</div> <div style="text-align: center;">  <p>R & D 2018/6/12 Sophie</p> </div> <div style="text-align: center;">設 計</div> <div style="text-align: center;">  <p>R & D 2018/6/12 Dick</p> </div> </div>

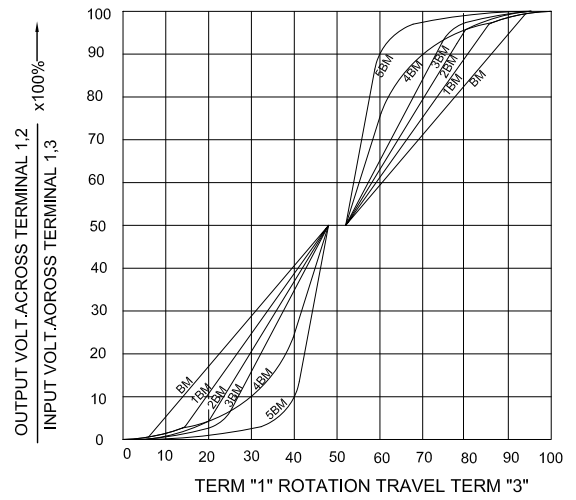
RESISTANCE TAPER



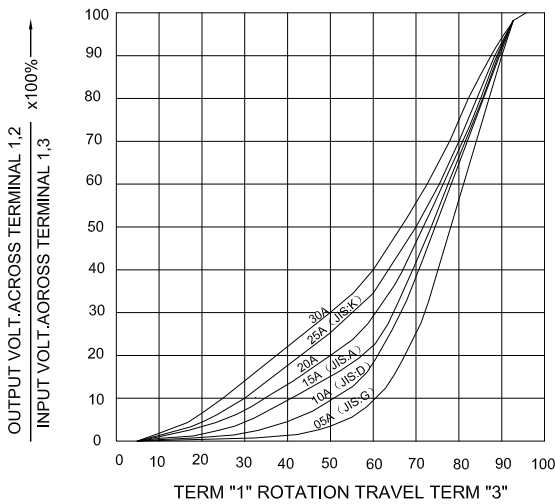
TAPER B SERIES



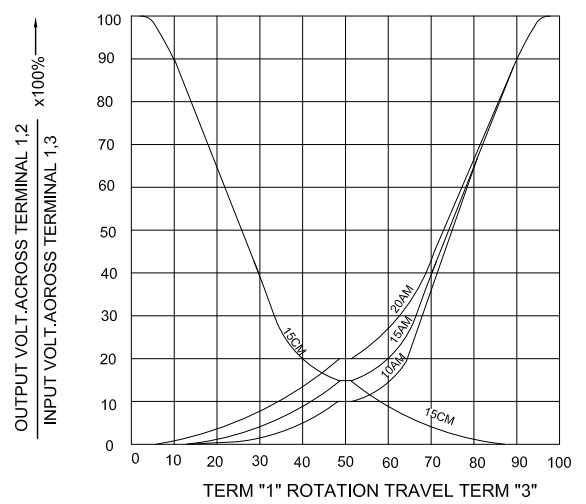
TAPER B WITH 50% TAP



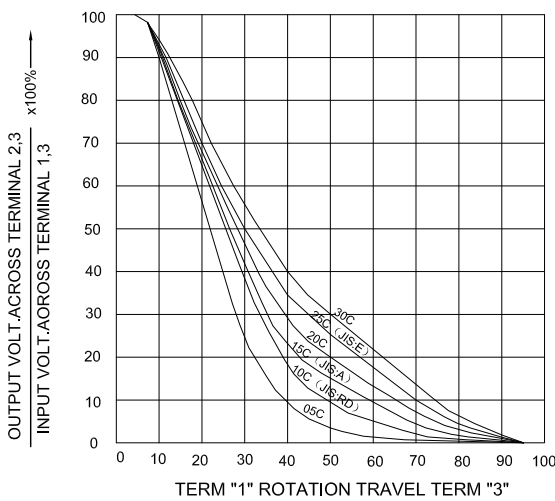
TAPER A SERIES



TAPER A & C WITH 50% TAP



TAPER C SERIES



TAPER M & N SERIES

