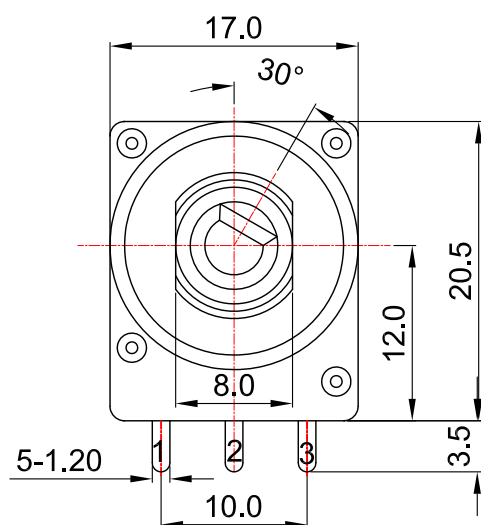


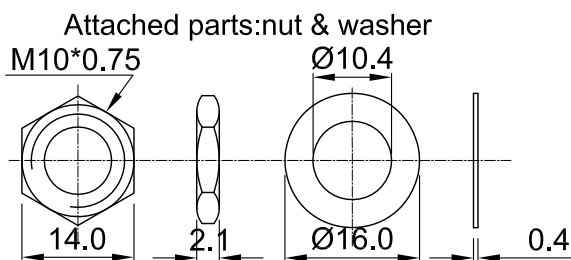
外形图



接线图
Circuit explanation

X	1	2	4	
L	17	19	20	
F	8.0			
w	8.0			

Technical drawing of a mounting plate showing dimensions and hole locations. The plate has a width of 10.0 and a total height of 12.8. A horizontal centerline is shown. Three holes are located along this centerline, labeled 1, 2, and 3. The distance between hole 1 and hole 2 is 5.0, and the distance between hole 2 and hole 3 is 5.0. The distance from the bottom edge of the plate to the centerline is 5.6. The holes are labeled with their dimensions: 5-Ø1.4^{+0.2}/_{-0.0}. The holes are also labeled with their positions: S2, S1, and SW. The mounting surface is indicated by a line labeled 'Mounting Surface'.



3 2 1				PRODUCT NAME	Switch Rotary Potentiometer		
				MODEL NAME	R16R2S- shaft X A1-value-HH-V01		
NO	DATE	DESCRIPTION			APPROVED BY	CHECKED BY	DRAWN BY
DIMENSION		TOLERANCE	SCALE		R & D 2018/04/11 Eva	R & D 2018/04/11 Sophie	R & D 2018/04/11 Dick
$\int \leq 10$		± 0.2	UNIT	mm			
$10 < \int \leq 30$		± 0.5	VER.	A0			
$30 < \int \leq 100$		± 1.0	DATE	2018/04/11			
All Angles		$\pm 5^{\circ}$					

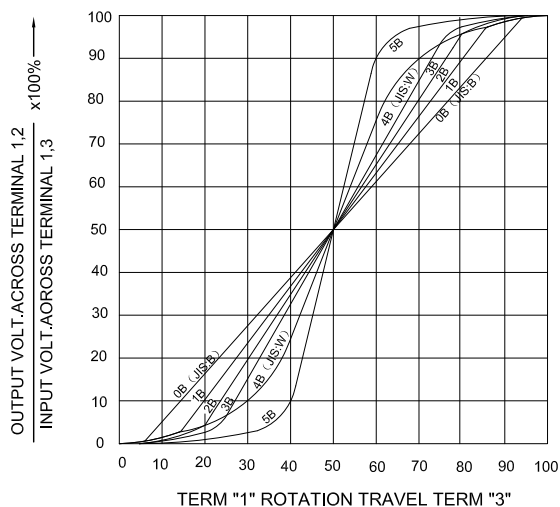
16 mm Rotary Potentiometers with SW series Specifications

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			20℃-75℃:△R/R≤±5%,		
	(Resistance of temperature change character)			-25℃-20℃:△R/R≤±4.5%		
1.4	阻值變化特性 (Resistance Taper)			A, B		
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: 0.5W Other Taper:0.2W		
1.7	最高使用電壓 (Max.Operating Voltage)			250VAC		
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: DC 500V		
1.11	开关额定功率(Switch Rated Power)			250V AC,3A □ / 250V AC,10A □		
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)			10~100gf.cm		
2.3	軸的拉、押強度 (Pull-Push Strength)			6 Kgf.cm		
2.4	轉動止檔強度 (Rotational Stop-End Torque)			5 kgf.cm Min		
2.5	开关角度(Switch Working Angel)			50°±10°		
2.6	开关力矩(Switch Working Torque)			50~150gf.cm		
2.7	旋轉定位數目 (Number of Detents(click))			0 detents / 16 detents /30 detents		
2.8	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)			10,000 Cycles min.		
3.2	工作溫度 (Operating temperature)			-10℃~+70℃		
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	R & D 2019/11/4 Eva	審核	R & D 2019/11/4 Sophie	設計	R & D 2019/11/4 Dick	

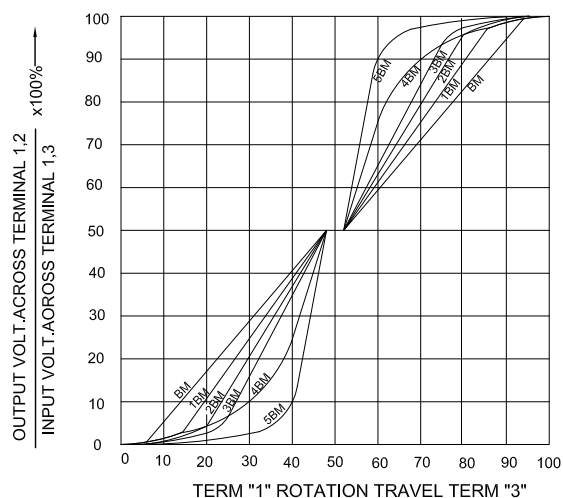
RESISTANCE TAPER



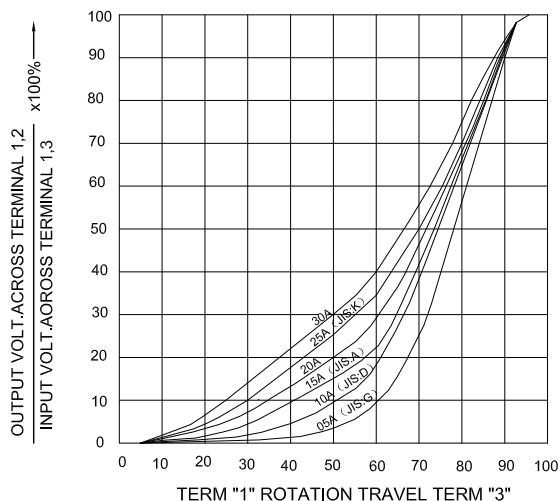
TAPER B SERIES



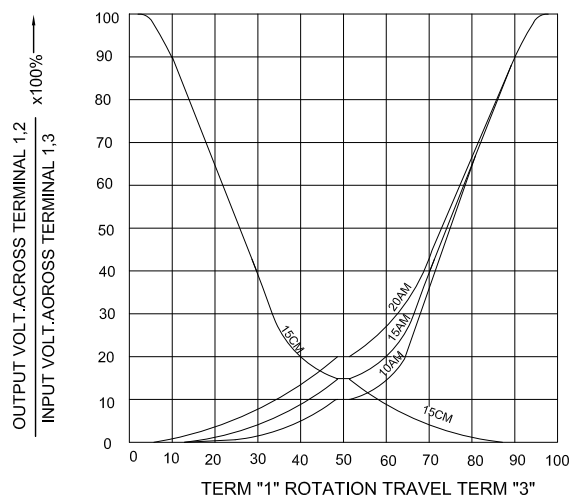
TAPER B WITH 50% TAP



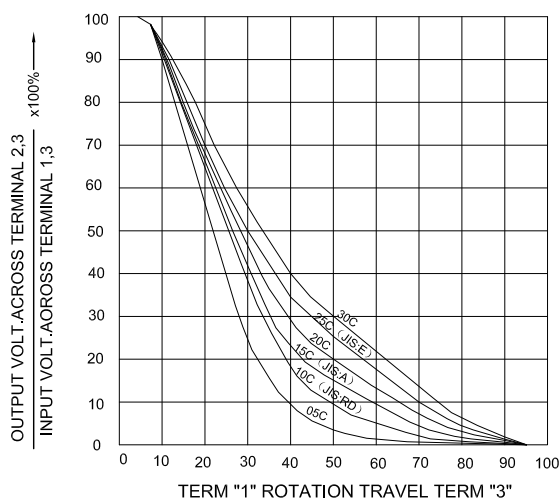
TAPER A SERIES



TAPER A & C WITH 50% TAP



TAPER C SERIES



TAPER M & N SERIES

