

# 16mm Metal Shaft Rotary Potentiometer

**R16K6**



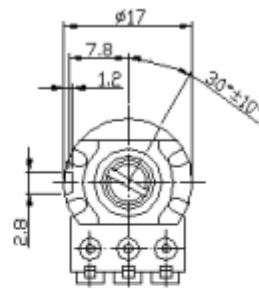
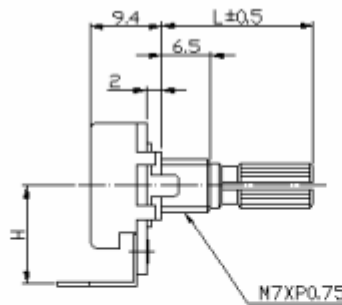
## Part Number

**R16K6 - B 1K, L - 20 KC /H:13**

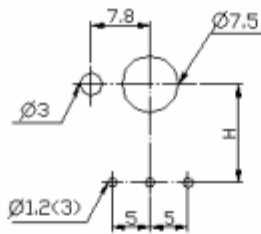
↓ Taper      ↓ Resistance Value      ↓ Shaft Type

↓ Shaft Length

## Dimensions



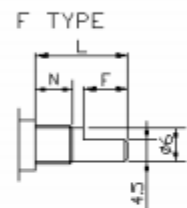
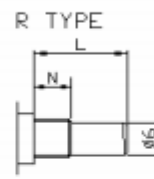
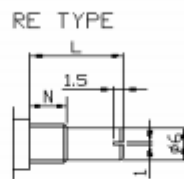
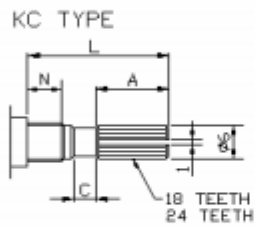
H	13	16
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CIRCUIT



## Shaft Type



Ni6.5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	2.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
F	F	2.5	7	12	12	12	12	12
R,RE	L	10	15	20	25	30	35	40

**Electrical Characteristics**

<b>Total Resistance</b>	500 $\Omega$ ~ 2M $\Omega$				
<b>Total Resistance Tolerance</b>	$\pm 20\%$ (More than 1M $\Omega$ $\pm 30\%$ )				
<b>Resistance Taper</b>	A. B. C. D. W. Taper				
<b>Resistance Taper Characteristics</b>	A50%	B50%	C50%	D50%	W50%
	15-25%	40-60%	75-85%	2-15%	45-55%
<b>Rated Power</b>	B Taper: 0.2 W; Other Tapers: 0.1 W				
<b>Max. Operating Voltage</b>	B Taper: AC150V; Other Tapers: AC200V				
<b>Residual Resistance</b>	R $\geq$ 250K $\Omega$ 0.1%				
	250K $\Omega$ > R > 10K $\Omega$		10 $\Omega$ Max. ( between Term. 1, 2)		
	10K $\Omega$ $\geq$ R		10 $\Omega$ Max. ( between Term. 2, 3)		
<b>Noise</b>	47 mV max.				
<b>Insulation Resistance</b>	DC 500V 100M $\Omega$				
<b>Withstand Voltage</b>	1 minute AC 500V				
<b>Rotational Life</b>	15,000 Cycles				
<b>Switch Life</b>	10,000 Cycles				

**Mechanical Characteristics**

<b>Total Rotational Angle</b>	300° $\pm$ 5°
<b>Rotational Torque</b>	30~200gf.cm
<b>Pull-Push Strength 推拉強度</b>	7 kgf.cm max./3 minute.
<b>Center Click Torque</b>	150~350g.cm
<b>Click Position</b>	Center 11/21/31/41 Detents
<b>Solder Heat Resistance</b>	300°C, 3s (Only For Hand-Soldering)
<b>Remark</b>	Shaft: Cast Iron (Aluminum Zinc)
	Bushing Material: cast iron