

APPROVAL SHEET

CUSTOMER:

PRODUCT SERIET: Rotary carbon potentiometer

MODEL NO.: 02/01056-00 ÷ 02/01086-00

Item	Item	Specification
1.1	Resistance value and tolerance of resistance	B10K $\pm$ 20%
1.2	Load power	0.1 W
1.3	Rotational noise	47mV max
1.4	Insulation Resistance	>100M Ω At 500VDC
1.5	Withstanding Voltage	>1 Minute At 500VAC
1.6	Max rated voltage	100V AC
1.7	Tracking error	
1.8	Residual resistance	R1,2<10 Ω ; R2,3<10 Ω
1.9	Switch contact resistance	
1.10	Switch power	

2. MECHANICAL CHARACTERISTICS

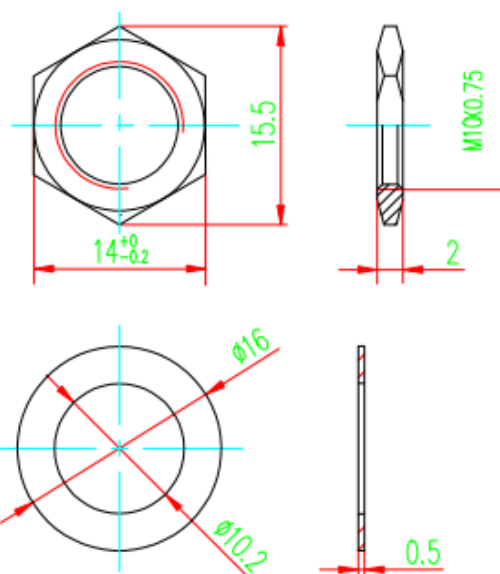
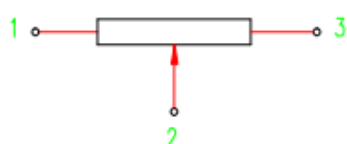
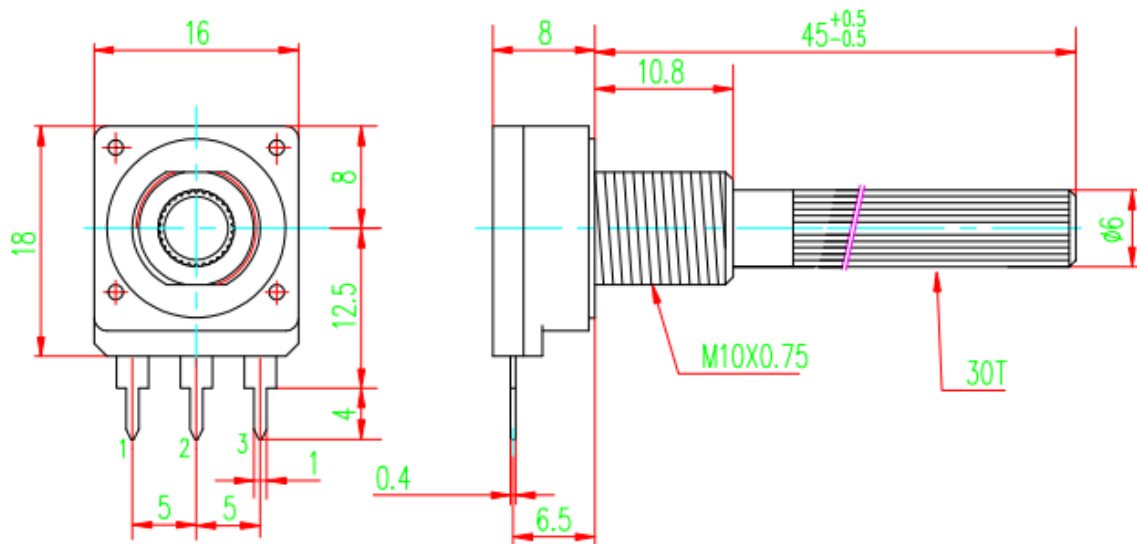
2.1	Dimensions	Refer to the separate product drawing
2.2	Total rotation angle	300 $\pm$ 5°
2.3	Rotational Torque	20~200gf.cm
2.4	Switch working angle	
2.5	Switch torque	
2.6	Shaft Push& Pull Strength	$\leq$ 8kgf
2.7	Click slip-out force	
2.8	Shaft Wobble (mm p-p)	$\leq$ 0.3mm
2.9	Shaft Stop Strength	$\leq$ 5kg.cm

3. DURABILITY CHARACTERISTICS

3.1	Rotating life	10,000 cycles
3.2	Storage Temperature Range	-30°C~+80°C
3.3	Operation Temperature Range	-20°C~+70°C
3.4	Soldering Heat Characteristic	260° C/2.5 $\pm$ 0.5S

Flame level:

1. **Body Material:** PBT UL94-V0
2. **Spindle and holder:** ABS NON-FLAME



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