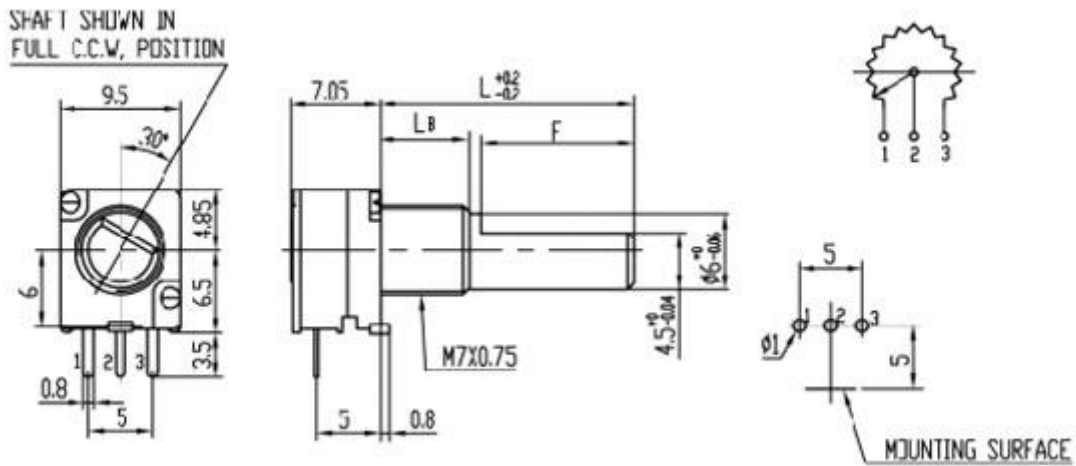


# WH9011A-1



## OUTLINE DRAWING



## ELECTRICAL CHARACTERISTICS

Item	Item	Specification
1.1	Resistance value and tolerance of resistance	$K \pm 20\%$
1.2	Load power	0.1 W
1.3	Rotational noise	47mV max
1.4	Insulation Resistance	$>100M\Omega$ At 200V DC
1.5	Withstanding Voltage	$>1$ Minute At 250V AC
1.6	Max rated voltage	50V AC
1.7	Tracking error	
1.8	Residual resistance	$R_{1,2} < 10\Omega$ ; $R_{2,3} < 10\Omega$

## MECHANICAL CHARACTERISTICS

2.1	Dimensions	Refer to the separate product drawing
2.2	Total rotation angle	$300 \pm 5^\circ$
2.3	Effective electrical angle	
2.4	Rotational torque	10~50gf.cm
2.5	Shaft Push pull Strength	$\geq 8$ kgf
2.6	Click slip-out force	
2.7	Shaft wobble (mm p-p)	$\leq 0.3$ mm
2.8	Shaft stop Strength	$> 5$ kg.cm
2.9	Shaft wobble (mm p-p)	$\leq 0.3$ mm
2.10	Rotating life	10,000 cycles

