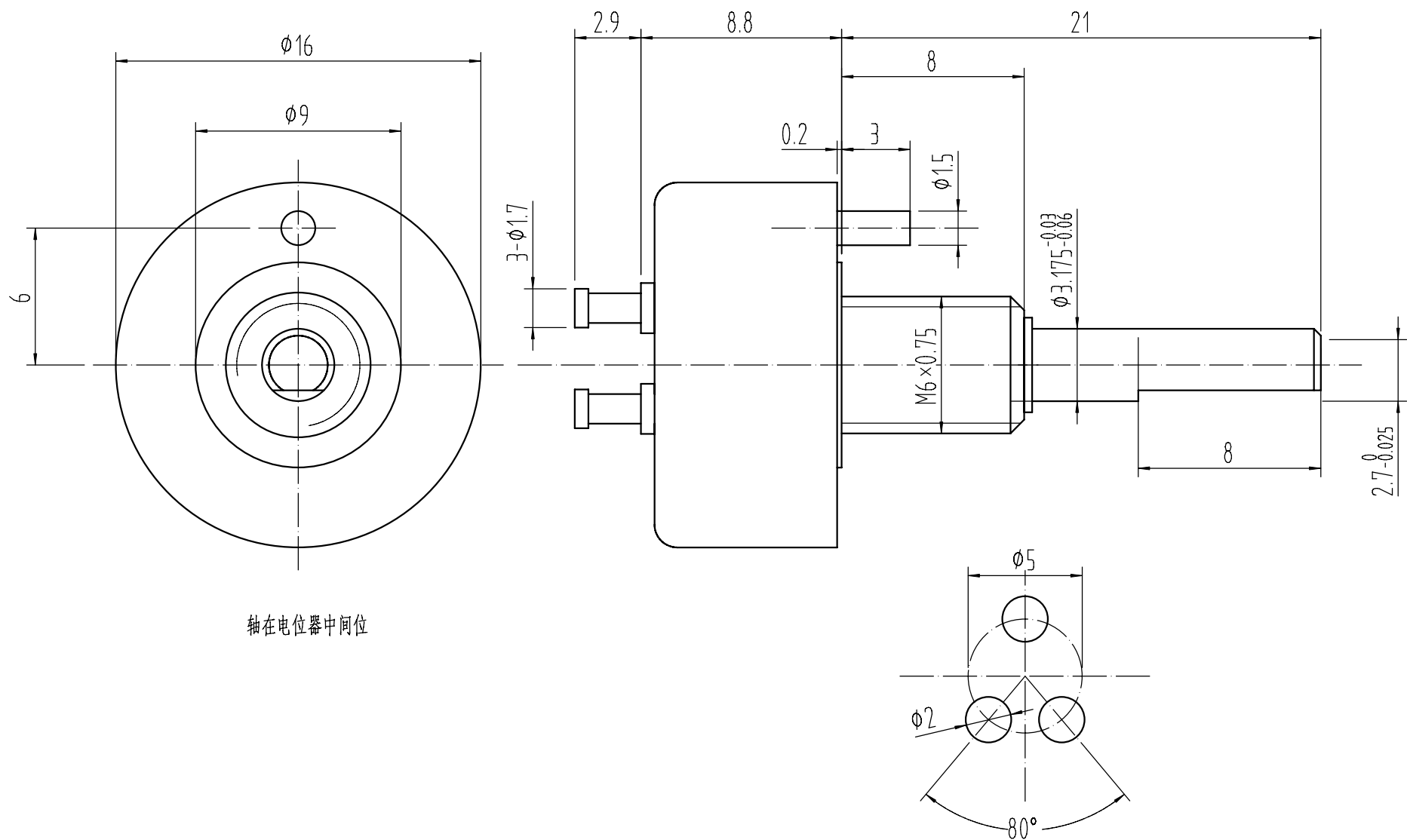


东台市亨利通电子元器件有限公司
Dongtaishi Henglitong Electronic Components Co.,Ltd

产品说明书
Product Manual

产品名称 NAME	16mm 精密导电塑料电位器 16mm Precision conductive plastic potentiometer		
产品型号 MODLE	WDJ16		
电气参数 Electrical			
阻值范围 Resistance Range	1KΩ-100KΩ		
阻值误差 Resistance Tolerance	±10% Standard		
残留电压 End Voltage	<0.5%		
阻值变化规律 Resistance Taper	B(JIS 直线 JIS LINEAR)		
线性精度 Independent Linearity	±2%		
额定功率 Power Rating	0.5W(40℃)0W(70℃)		
接触电阻变化 Peak Noise (C.R.V.)	<2%R		
耐电压 Dielectric Strength	1000VAC 1minute		
有效电气行程 Adjustment Travel	340°		
绝缘电阻 Insulation Resistance	1000M 500VDC		
分辨率 Resolution	无限大 Essentially infinite		
最大工作电压 Maximum Input Voltage	200VDC		
环境参数 Environmental			
环境温度范围 Operating Temperature Range	-20℃ ~ +70℃		
温度系数 Temperature coefficient	600ppm/℃		
电气耐久性 Load Life	40℃ 1, 000h ΔR/R≤±10%		
旋转寿命 Rotational Life	2, 000, 000 次 ΔR/R≤±7.5% , CRV<8%		
耐焊接热 Soldering Heat Resistance	(350℃ 3S)ΔR/R≤±5%		
热循环 Temperature Cycle	(-25℃、+85℃ 30min/each、5 cycles) ΔR/R≤±10%		
振动 Vibration	10-55Hz, 1.5mm 振幅 amplitude, 3 方向 directions ΔR/R≤±5%		
机械参数 Mechanical			
尺寸 SIZE	见附图 SEE DRAWING		
机械行程 Mechanical Travel	360°		
旋转力矩 Shaft Torque	<60gf·cm		
止挡力矩 Stop Strength	80Ncm(with stop)		
轴跳动 Shaft Runout	0.15mm		
轴端间隙 Shaft End Play	(出轴长度 shaft length 30 mm)0.15mm		
径向间隙 Shaft Radial Play	0.15mm		
轴的推力 Shaft Strength (push)	125 N (12.75 kgf) min.		
轴的拉力 Shaft Strength (tensile)	125 N (12.75 kgf) min.		
标记 Marking	HOSS(logo) Resistance、Drawing		



轴在电位器中间位

设计		2011-03-30	WDJ16外观图	4:1
校核				
			WDJ16-3.175-M6 x 0.75-8-21F	