

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**

<b>产品名称</b> <b>NAME</b>	25mm 瓷基体导电塑料电位器 25mm Precision conductive plastic potentiometer	
<b>产品型号</b> <b>MODLE</b>	WDJ25	
<b>电气参数 Electrical</b>		
阻值范围 Resistance Range	1KΩ-1MΩ	
阻值误差 Resistance Tolerance	±10% Standard	
残留阻抗 End Resistance	<1%R	
阻值变化规律 Resistance Taper	B(JIS 直线 JIS LINEAR)	
线性精度 Independent Linearity	±3%	
额定功率 Power Rating	1W(70℃)0W(120℃)	
接触电阻变化 Peak Noise (C.R.V.)	<2%Rn	
耐电压 Dielectric Strength	1000V 1minute	
有效电气行程 Adjustment Travel	340°可变 change	
绝缘电阻 Insulation Resistance	10M 500V	
分辨率 Resolution	无限大 Essentially infinite	
最大工作电压 Maximum Input Voltage	200VDC	
<b>环境参数 Environmental</b>		
存储温度 Storage Temperature Range	-25℃ ~ +120℃	
使用温度 Operating Temperature Range	-25℃ ~ +120℃	
温度系数 Temperature coefficient	500ppm/℃	
电气耐久性 Load Life	70℃ 1, 000h ΔR/R≤±10%	
旋转寿命 Rotational Life	2, 000, 000 次 ΔR/R≤±7%	
IP 防护等级 IP Range	IP50	
耐焊接热 Soldering Heat Resistance	(350℃ 3S)ΔR/R≤±2%	
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%	
<b>机械参数 Mechanical</b>		
尺寸 SIZE	见附图 SEE DRAWING	
机械行程 Mechanical Travel	360°	
旋转力矩 Shaft Torque	50 ~ 500gf·cm	
止挡力矩 Stop Strength	无止挡 without stop	
锁紧力矩 Mounting Nut Torque	15Kgf·cm	
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	接线图 wiring diagram	
配件 Hardware.	平瓦、锁紧垫片、螺母 Washer、Lockwasher、 Nut	

