

东台市亨利通电子元器件有限公司

产品说明书
Product Manual

产品名称 NAME	50.5mm 行程直滑式导电塑料电位器 50.5mm Travel precision conductive plastic potentiometer		
产品型号 MODLE	WDZ 505		
电气参数 Electrical			
阻值范围 Resistance Range	1KΩ-1MΩ		
阻值误差 Resistance Tolerance	±20%		
残留阻抗 End Resistance	<3Ω		
阻值变化规律 Resistance Taper	B(JIS 直线 JIS LINEAR)/A(对数, Log)/C(反对数, Alog)		
线性精度 Independent Linearity	±3%		
额定功率 Power Rating	0.25W(40℃)0W(70℃)		
接触电阻变化 Peak Noise (C.R.V.)	<2%R		
耐电压 Dielectric Strength	1000V 1minute		
有效电气行程 Adjustment Travel	50mm ± 0.5mm		
绝缘电阻 Insulation Resistance	10M 250V		
分辨率 Resolution	无限大 Essentially infinite		
最大工作电压 Maximum Input Voltage	125VDC		
环境参数 Environmental			
存储温度 Storage Temperature Range	-25℃ ~ +70℃		
使用温度 Operating Temperature Range	-25℃ ~ +70℃		
温度系数 Temperature coefficient	500ppm/℃		
电气耐久性 Load Life	1, 000h @ 40℃ 0.25W ΔR/R≤±10%		
滑动寿命 Sliding Life	20, 000 次 ΔR/R≤±7%		
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%		
机械参数 Mechanical			
尺寸 SIZE	见附图 SEE DRAWING		
机械行程 Mechanical Travel	50.5mm ± 1mm		
滑动力 Operating force	300gf (max)		
止挡力 Lever stopper strength	1Kgf		
标记 Marking	Resistance 电阻值		