

CIRCUIT:NO

01			04		
00	ORIGINAL DRAWING	2014-09-02	03		
.ISSU.	REVIATION	DATE	02		
		TOL.UTHERWISE SPEC	深圳明佳创新电子有限公司		
		BASIC DIMENSIONS			
		L ≤ 10	±0.3	型号	PT0601NOH1
DSGD.	CHKD.	L > 10	±0.5	TYPE NO.	
	SCALE	100 ≤ L	±0.8	图号	MJ-PT0601NO-001
	UNIT	mm		DRAWING NO.	

# PT06 SERIES GENERAL SPECIFICATION

## PT06 系列规格书

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### 1、General 一般事项

<p>1.01 Scope The specification applies to model PT06 type</p> <p>1.02 Operating temperature range: -25℃~70℃</p> <p>1.03 Storage temperature range: -40℃~85℃</p> <p>1.04 Test conditions Standard atmospheric conditions: Unless otherwise specified, the standard range of atmospheric conditions for making measurements and test is as follows: Ambient temperature:15~35℃ Relative humidity:25~85% Air pressure:86kpa to 106kpa. If there is any doubt about the results,measurements shall be made within the following limit: (Ambient temperature:20±1℃ Relative numidity:63~67% Air pressure:86kpa to 106kpa).</p>	<p>适用范围 此规格书适用于PT06机型, 使用温度范围: -25℃~70℃ 保存温度范围: -40℃~85℃ 试验状态 标准状态: 无特别规定之实验及测定时以温度: 15~35℃, 相对湿度: 25~85%, 气压: 86~106kap之标准状态测定。  发生判定疑问或另有特别要求则以 基准状态(温度: 20±1℃, 相对湿度: 63~67%, 气压: 86~106kap) 为标准测定。</p>
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### 2 ELECTRICAL CHARACTERISTICS 电气特性

Item 项 目	Conditions 条 件	Specifications 规 格
2.01 Total Resistance 总阻值	Measurement shall be made by the resistance between terminal R1 and R3. 电位器 1~ 3 端全部电阻值。	___ Ω
2.02 Resistance law 阻值线性	Resistance changes 电阻值变化规律	___ Taper 线性 Refer to the attached 参见附页
2.03、 Total Resistance toleranc 总阻值允许差	Measurement shall be made by the resistance tolerance between terminal R1 and R3. 电位器 1~ 3 端总阻值之公差。	± ___ %
2.04、 Power rating 额定功率	Rated power is based on continuous full load operation at the maximum voltage between terminal R1 and R3. 电位器 1~ 3 端能连续承受之最大之功率。	0.15W(50℃)
2.05、 Residual resistance 残留电阻	Test residual resistance beteen terminal R1 and R2; terminal R2 and R3 电位器 1~ 2 端 (将轴心旋转至 1 端底部测) 及 2~ 3 端 (将轴心旋转至 3 底部测) 残留。	R ≤ ___ K Ω : 30 Ω max R > ___ K Ω 0.1R% max
noise 转动噪声	The murmur will appear when shaft turn from terminal 1 to terminal 3 by 30 rounds/minute equably speed. 轴心从电位器 1 端以 30 转/分匀速旋转至 3 端时电位器所呈现之杂音情况。	≤ 100mv
2.07、 Electrical Rotation angle 有效电阻角度	Resistance effective changes in perspective 电阻有效变化角度。	200°±20°
2.08、 Max operating voltage 最高使用电压	Maximal voltage which sustained by terminal R1 and R3 电位器 R1-R3 端所承受的最大电压。	250V DC
2.09、 Withstand voltage 耐电压	Test voltage: AC 250V, measured for 1 minute Test position: Between terminal and case 测试电压: 交流 250V, 测量 1 分钟 测试位置: 在终端和外壳之间。	Without damage o parts, aroing or breakdown

# PT06 SERIES GENERAL SPECIFICATION

## PT06 系列 规格书

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<b>3 MECHANICAL CHARACTERISTICS机械特性</b>				
3.01、 Total rotation angle 旋转角度	The angle is measured by rotating shaft from the end of terminal R1 to the end of terminal R3. 指轴置于 1 端最底部转往 3 端最底部之旋转角度	235°±5°		
3.02、 Rotational torque 旋转力矩	Rotational torque when turn the shaft :without special provision,rotational speed is 60°/s in ambie temperature 5-35°C 指轴在周围温 度 5° C~ 35° C 以每秒钟 60° 匀速转动所需之力矩	20~200gf.cm		
3.03、 Shaft stop strength 止档强度	The force that shaft transfer from terminal 1 to stop point or terminal 3 to stop point after 10 seconds until be break 轴从 1 端转至止档点或从 3 端转至止档点 10 秒后直至破坏之力量	>4Ncm		
<b>4 WEATHER PROOF耐气候性</b>				
4.01、 Storage temperature 保存温度范围	-40℃~85℃			
4.02、 Operating temperature 使用温度范围	-25℃~70℃			
4.03、 Cold proof 耐寒性	-40℃±3℃ for 240h			
4.04、 Moisture resistance 耐湿热性	60℃ ±2℃ 90 to 95RH for 240h			
<b>5 OTHER 其它</b>				
life 使用寿命	After 5000 rotation after the test, the changes impacted no more than ± (15% R +0.5 Ω)rotational noise of not more than 150 mv 经过 5000 旋转测试后, 总阻变化不超过± ( 15%R+0.5Ω)转动噪声不大于 150mv			
5.02、 Soldering ability 可焊性	Dip the terminals into tin tank at 260℃±5℃ for3-5 seconds, the soldering more are a should be than 90%. 260℃ ±5℃, 持续时间 3-5S, 焊锡覆盖面积大于 90%以上。			
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