

PT15 一体成型密封式电位器产品规格书

承 认 书

SPECIFICATION

供客户承认

(FOR APPROVAL)

客户名称：
Customer's Name:

客户料号：
Customer'Part No:

产品名称：
Toproot Type Name:

送样编号：
Sample No:

客户确认回复：
Customer Approval Status :

签核：
Signature:

本规格书由以下内容组成

- 1、电气特性
- 2、机械特性
- 3、产品外形图

如蒙承认请签核后回复，谢谢！

Please counter-signed fax back to us signify your acceptance . Thanks!

This Specification is composed of Under mentioned

- 1、Electrical characteristics
- 2、Mechanical Characteristics
- 3、Product External Dimensions

批 准 Approved By	XY	审 核 Reviewed By	ZXY	承 办 Prepared By	LBB
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A。电气性能 Electrical specifications

1	总阻值 Total Resistance	电位器 1~3 端全部电阻值。 Measurement shall be made by the resistance between terminal R1and R3.	100K Ω
2	阻值线性 Resistance taper	电阻值变化规律 Resistance changes	直线 B (line)
3	总阻值允许差 Total Resistance toleranc	电位器 1~3 端总阻值之公差。 Measurement shall be made by the resistance tolerance between terminal R1 and R3.	$\pm 10\%$
4	额定功率 Rated power	电位器 1~3 端能连续承受之最大之功率 Rated power is based on continuous full load operation at the maximum voltage between terminal R1 and R3.	0.25W(50°C)
5	残留电阻 Residual resistance	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 Test residual resistance beteen terminal R1 andR2;terminal R2 andR3	20 Ω Max
6	转动噪声 rotation of noise	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 The murmur will appear when shaft turn from terminal 1 to terminal 3 by 30 rounds/minute equably speed.	$\leq 100\text{mV}$
7	有效电阻角度 Electrical Rotation angle	电阻有效变化角度 Resistance effective changes in perspective	$200^{\circ}\pm 20^{\circ}$
8	最高使用电压 Max operating voltage	电位器 R1—R3 端所承受的最大电压 Maximal voltage which sustained by terminal R1 and R3	250V DC

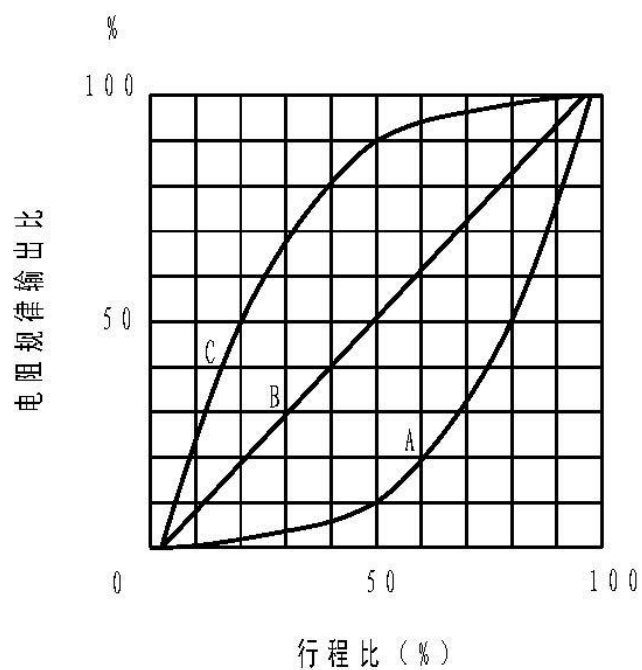
B。机械性能 Mechanical specifications

1	旋转角度 Total rotation angle	指轴置于 1 端最底部转往 3 端最底部之旋转角度 The angle is measured by rotating shaft from the end of terminal R1 to the end of terminal R3.	$265^{\circ}\pm 5^{\circ}$
2	回转力矩 Rotation torque	指轴在周围温度 $5^{\circ}\sim 35^{\circ}$ 以每秒钟 60° 匀速转动所需之力矩 Rotational torque when turn the shaft :without special provision,rotational speed is $60^{\circ}/s$ in ambient temperature $5-35^{\circ}C$	50-250gf.cm
3	止档强度 Stop torque	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 The force that shaft transfer from terminal 1 to stop point or terminal 3 to stop point after 10 seconds until be break	1kgf.cm

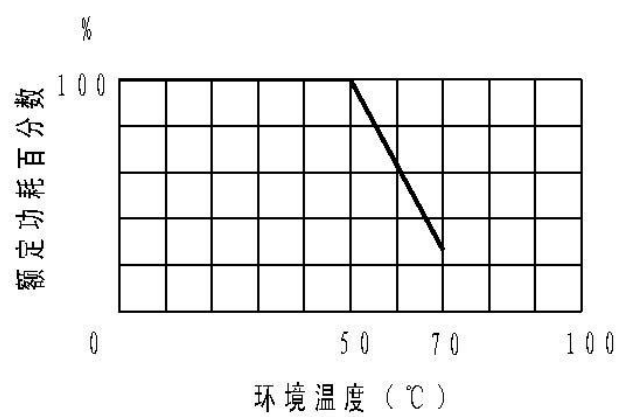
C。其它 Other

1	使用寿命 Rotation life	经过 10,000 旋转测试后，总阻变化不超过 $\pm (15\%R+0.5\Omega)$ 转动噪声不大于 100mv After 10,000 rotation after the test, the changes impacted no more than $\pm (15\% R + 0.5 \Omega)$ rotational noise of not more than 100 mv	
2	端子强度 Terminal strength	经过焊接 ($350^{\circ}C$, 3,5 秒) 后端子不得有接触不良或松动现象 After welding ($350^{\circ}C$, 3,5 seconds) after the termination of terminal contacts should be good, no loosening of	
3	可焊性 Soldering ability	$260^{\circ}C \pm 5^{\circ}C$ ，持续时间 $2S \pm 0.5S$ ，焊锡覆盖面积大于 90% 以上。 Dip the terminals into tin tank at $260^{\circ}C \pm 5^{\circ}C$ for 2 ± 0.5 seconds, the soldering area should be more than 90%.	

电阻规律理论曲线图



功率温度表



阻值简码表
Resistance SR code table

阻值 Resistance	代码 Code
100 Ω	101
500 Ω	501
1K Ω	102
2K Ω	202
3.3K Ω	332
4.7K Ω	472
5K Ω	502
10K Ω	103
20K Ω	203
22K Ω	223
47K Ω	473
50K Ω	503
100K Ω	104
200K Ω	204
250K Ω	254
500K Ω	504
1M Ω	105
2M Ω	205
2.2M Ω	225

