



东莞市立勋达电子有限公司

DongGuan LIXUNDA Electronics Co.,Ltd

**(ROTARY) POTENTIOMETER SPECIFICATIONS**

(旋转式)规格书

型号名称 Model Name : M-24K 系列

**ELECTRICAL CHARACTERISTICS 电气特性**

Total Resistance 全阻值	100Ω-2MΩ ±10% ±20% ±30%
Resistance Taper 阻抗特性型式	<input type="checkbox"/> A, <input checked="" type="checkbox"/> B, <input type="checkbox"/> C, <input type="checkbox"/> D, <input type="checkbox"/> E, <input type="checkbox"/> MN, <input type="checkbox"/> RD, <input type="checkbox"/> W, <input type="checkbox"/> __
Max. Operating Voltage 最高工作电压	<input checked="" type="checkbox"/> Linear Taper B :AC <u>500</u> V~DC <u>/</u> V
	<input type="checkbox"/> Other Tapers :AC <u>250</u> V~DC <u>/</u> V
Rated Power 额定功率	<input checked="" type="checkbox"/> Linear Taper B : <u>0.5</u> W , <input type="checkbox"/> Other: <u>0.25</u> W
Sliding Noise 噪声	Less than <u>100</u> mV
Insulation Resistance 绝缘阻抗值	More than <u>100</u> MΩ at DC <u>500</u> V
Withstand Voltage 耐电压特性	1 minute at AC <u>500</u> V
Residual Resistance 残留阻值	Term. 1~2 :Less than <u>10</u> Ω
	Term. 2~3 :Less than <u>10</u> Ω
Switch Contact Resistance 开关接触阻抗值	Less than <u>50m</u> Ω
Switch Rated Power 开关额定功率	<u>1.0</u> A at DC <u>12</u> V
	<u>1.0</u> A at AC <u>12</u> V

**MECHANICAL CHARACTERISTICS 机构特性**

Total Rotation Angle 全回转角度	<u>300</u> ° ± <u>10</u> °	
Rotation Torque 旋转力矩	<u>30</u> ~ <u>150</u> gf.cm	
Rotation Stopper Strength 旋转止动强度	<u>5.0</u> Kgf.cm Min.	
Push-Pull Strength 轴柄推拉承受强度	Pull: <u>7.0</u> Kg.f Max. Push: <u>7.0</u> Kg.f Max. at 10 sec	
Switch Rotation Angle 开关回转角度	<u>50</u> ° ± <u>10</u> °	
Switch Action 开关作动力	<u>300</u> ~ <u>800</u> gf.cm	
Bushing & Nut Tight Strength 轴套螺母紧固强度	<u>7.0</u> Kgf.cm Max.	
Resistance to soldering heat 焊锡耐热性	Solder dip:浸焊 Preheating condition: Surface temperature of the substrate shall be settled within 100°C in one min. 預熱: 基板表面溫度 100°C 以下, 1 分鐘內。 Solder temperature 260±5°C for 5 sec. 焊錫溫度 260±5°C, 5 秒。	
	Manual Soldering: Less than 300°C and quicker than 3 seconds. 手鐸: 300°C 以下, 3 秒以內	
Rotational Life 旋转寿命	<input checked="" type="checkbox"/> 10,000 <input type="checkbox"/> Other	(Cycles min.)
<b>核准 Approved</b>	<b>审查 Q.I.Department</b>	<b>经办者 Design Dept.</b>
		羅竹清