



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-16KG 系列

ELECTRICAL CHARACTERISTICS 电气特性

Total Resistance 全阻值	500Ω -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 type="checkbox"/> Linear Taper B :AC <u>200</u> V~DC <u>/</u> V
	<input checked="" type="checkbox"/> Other Tapers :AC <u>150</u> V~DC <u>/</u> V
Rated Power 额定功率	<input type="checkbox"/> Linear Taper B : <u>0.2</u> W , <input checked="" type="checkbox"/> Other: <u>0.1</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>20</u> Ω
	Term. 2~3 :Less than <u>20</u> Ω
Gang Error (Dual Unit) 同步误差值	- <u>40</u> dB ~ <u>0</u> dB ± <u>3</u> dB
Switch Contact Resistance 开关接触阻抗值	Less than <u>/</u> Ω
Switch Rated Power 开关额定功率	<u>/</u> A at DC <u>/</u> V
	<u>/</u> A at AC <u>/</u> V

MECHANICAL CHARACTERISTICS 机构特性

Total Rotation Angle 全回转角度	<u>300</u> ° ± <u>5</u> °
Rotation Torque 旋转力矩	<u>20</u> ~ <u>100</u> gf.cm
Rotation Stopper Strength 旋转止动强度	<u>7.0</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>/</u> ° ± <u>/</u> °
Switch Action 开关作动力	<u>/</u> ~ <u>/</u> gf.cm
Bushing & Nut Tight Strength 轴套螺母紧固强度	<u>7.0</u> Kgf.cm Min
Number of Detents (Click) 旋转段位数目	<input type="checkbox"/> 1C (Center Detent 中段功能), <input type="checkbox"/> 11C, <input type="checkbox"/> 21C, <input type="checkbox"/> 41C
Click Torque 段位推动力	<u>/</u> ~ <u>/</u> gf.cm
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. 预热: 基板表面温度 100°C以下, 1 分钟内。 Solder temperature 260±5°C for 5 sec. 焊锡温度 260±5°C, 5 秒。
	Manual Soldering: Less than 300°C and quicker than 3 seconds. 手焊: 300°C以下, 3 秒以内
Rotational Life 旋转寿命	<input checked="" type="checkbox"/> 10,000 <input type="checkbox"/> Other <u> </u> (Cycles min.)

核准 Approved	审查 Q.I.Department	经办者 Design Dept.
		羅竹清