



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-09K 系列

ELECTRICAL CHARACTERISTICS 电气 特性

Total Resistance 全阻值	500Ω -2MΩ ±10% ±20%
Resistance Taper 阻抗特性型式	☐ A, ☒ B, ☐ C, ☐ D, ☐ E, ☐ MN, ☐ RD, ☐ W, ☐ _
Max. Operating Voltage 最高工作电压	AC 50 V, DC 12 V
Rated Power 额定功率	☒ Single unit: 0.05 W ☐ Dual unit: 0.03 W
Sliding Noise 噪声	Less than 100 mV
Insulation Resistance 绝缘阻抗值	More than 100 MΩ at DC 250 V
Withstand Voltage 耐电压特性	1 minute at AC 250 V
Residual Resistance 残留阻值	Term. 1~2 :Less than 20 Ω Term. 2~3 :Less than 20 Ω
Gang Error (Dual Unit) 同步误差值	- / dB ~ / dB ± / dB

MECHANICAL CHARACTERISTICS 机 构特性

Total Rotation Angle 全回转角度	<u>280</u> ° ± <u>10</u> °	
Rotation Torque 旋转力矩	<u>10</u> ~ <u>90</u> gf.cm	
Rotation Stopper Strength 旋转止动强度	<u>3.0</u> Kgf.cm Min.	
Push-Pull Strength 轴柄推拉承受强度	Pull: <u>5.0</u> Kg.f Max. Push: <u>5.0</u> Kg.f Max. at 10 sec	
Bushing & Nut Tight Strength 轴套螺母紧固强度	<u>6</u> Kgf.cm Max.	
Number of Detents (Click) 旋转段位数目	■ 1C (Center Detent 中段功能), □ 11C, □ 21C, □ 41C	
Click Torque 段位推动力	<u>70</u> ~ <u>150</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℃ in one min. 预热: 基板表面温度 100℃以下, 1 分钟内。 Solder temperature 260±5℃ for 5 sec. 焊锡温度 260±5℃, 5 秒。	
	Manual Soldering: Less than 300℃ and quicker than 3 seconds. 手焊: 300℃以下, 3 秒以内	
Rotational Life 旋转寿命	■ <u>10,000</u> □ Other <u>15,000</u> (Cycles Min.)	
核 准 Approved	审 查 Q.I.Department	经 办 者 Design Dept.

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