

P. C. B MOUNTING HOLE DETAIL

KSD RV123 SERIES ROTARY POTENTIOMETERS
SWITCH CONNECTOR RV123 旋转电位器

Electrical characteristics 电气特性

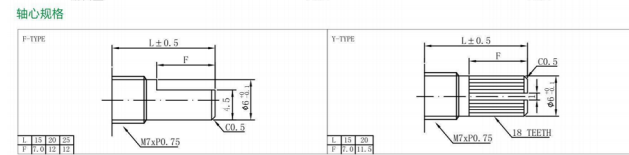
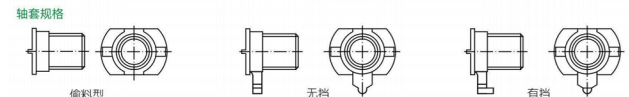
Total Resistance Range 总阻值	1KsTRs1MQ
Resistance Tolerance 总阻值容许公差	±20%
Resistance Taper 阻值线性	A, B, C taper.
Rating Power 额定功率	B taper : 0.08W ; Other taper : 0.04W
Slide Noise 杂讯	Less than 100mV
Residual Resistance Value 残留阻值	Less than 20Ω
Dielectric Voltage 耐电压	For 1 minute or more AC 250V
Insulation resistance 绝缘阻抗	More than 100MQ at DC 250V
Tracking Error 同步误差	-40~0 dB ± 3dB
Switch Contact Resistance 开关接触电阻	Less than 500mΩ

Mechanical characteristics 机械特性

Total Rotational Angle 旋转角度	300°±10°
Rotational Torque 旋转力矩	20gf.cm~200 gf.cm
Stop Strength 止挡强度	3kgf.cm
Shaft Push & Pull Strength 轴推拉强度	5kgf.cm
Switch Rotation Angle 开关旋转角度	30°±10°
Switch Action 开关作动力	100~450gf.cm

Environmental characteristics

Rotational Life 旋转寿命	10,000 cycles
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X	1233	1235
H	10	12.5

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TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S

UNITS MM

DRAWN BY: Jack Lu DATE: 07/23/13
CHECKED BY: Jacky Chen DATE: 07/23/13
APPROVED BY: Tony Kao DATE: 07/23/13

MAT'L		TITLE	ROTARY POTENTIOMETER
FINISH		MODLE	旋转电位器系列
SCALE	1 : 1	DWG NO.	KSD-RV-123XG
SHEET NO.	1 of 1	PART NO.	

SIZE A4
VER R2