



P. C. B MOUNTING HOLE DETAIL

KSD RV185 SERIES ROTARY POTENTIOMETERS
 SWITCH CONNECTOR RV185 旋转电位器

Electrical characteristics 电气特性

| | |
|--------------------------------|--------------------------------------|
| Total Resistance Range 总阻值 | 1K \leq TR \leq 1M Ω |
| Resistance Tolerance 总阻值容许公差 | $\pm 20\%$ |
| Resistance Taper 阻值线性 | A, B, C taper. |
| Rating Power 额定功率 | B taper: 0.03W ; Other taper: 0.025W |
| Slide Noise 杂讯 | Less than 100mV |
| Residual Resistance Value 残留阻值 | Less than 100 Ω |
| Dielectric Voltage 耐电压 | For 1 minute or more AC 150V |
| Insulation resistance 绝缘阻抗 | More than 100M Ω at DC 250V |

Mechanical characteristics 机械特性

| | |
|----------------------------------|----------------------|
| Total Rotational Angle 旋转角度 | 175 \pm 5 $^\circ$ |
| Rotational Torque 旋转力矩 | 50gf.cm-250 gf.cm |
| Stop Strength 止挡强度 | 3kgf.cm |
| Shaft Push & Pull Strength 轴推拉强度 | 5kgf.cm |

Environmental characteristics

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|----------------------|---------------|
| Rotational Life 旋转寿命 | 30,000 cycles |
|----------------------|---------------|

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|----------|-------------|----------|--------|
| 2 | 公差及料號更新 | Jack | 072313 |
| 1 | 圖面更新 | Frank Wu | 021012 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE |

广东科斯达电子科技有限公司
 KSDKG Guang dong Keside Electronic Technology Co., Ltd.

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: | DATE | MAT'L | TITLE | ROTARY POTENTIOMETER 旋转电位器系列 |
| Jack Lu | 07/23/13 | | | |
| CHECKED BY: | DATE | FINISH | MODLE | KSD-RV-185N-2 |
| Jacky Chen | 07/23/13 | | | |
| APPROVED BY: | DATE | SCALE | DWG NO. | SIZE |
| Tony Kao | 07/23/13 | 1 : 1 | | A4 |
| | | SHEET NO. | PART NO. | VER |
| | | 1 of 1 | | R2 |