



P. C. B MOUNTING HOLE DETAIL

**KSD** SVXX80 SERIES SLIDE POTENTIOMETERS  
SVXX80 直滑电位器  
SWITCH CONNECTOR

Electrical characteristics 电气特性

Total Resistance Range 总阻值	1K≤TR≤1MΩ						
Resistance Tolerance 总阻值容许公差	±20%						
Resistance Taper 阻值线性	A, B, C, D, W taper.						
Rating Power 额定功率	Taper 线性	Travel 行程					
		20mm	30mm	45mm	60mm		
	B Taper B 线性	Single	0.1	0.2	0.25	0.25	
		Dual	0.05	0.1	0.125	0.125	
B Except B以外	Single	0.05	0.1	0.125	0.125		
	Dual	0.025	0.05	0.06	0.06		
Slide Noise 杂讯	Less than 100mV Max						
Residual Resistance Value 残留阻值 (Ω)	Total resistance 总阻值	10KΩ	50KΩ	100KΩ	200KΩ	500KΩ	1MΩ
	Between terminals 端子1~2间	10Ω	10Ω	10Ω	20Ω	20Ω	20Ω
Dielectric Voltage 耐电压	For 1 minute or more AC 300V						
	Insulation resistance 绝缘阻抗						
More than 100MΩ at DC 250V							

Mechanical characteristics 机械特性

Operating Force 推动力	15gf.cm~150 gf.cm
Click slip-out Force 脱出力	20gf.cm~250 gf.cm
Stop Strength 止挡强度	5kgf.cm
Lever Wobble 柄的晃动	2(2*L)/20mm (L:Lever length both side 两侧柄长)
Push pull strength 推拉强度	3kgf.cm

Environmental characteristics

Rotational Life 旋转寿命	15,000 cycles
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XX08 柄型

金属柄 Metal Lever	B-TYPE				C-TYPE				D-TYPE				
	L 15	10	15	17.3	20	L 10	15	20	L 10	15	20	F 7	10

T	25	45
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**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: 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	KSD-SV SLIDING POTENTIOMETER	
FINISH	MODLE	KSD-SV滑动电位器系列	
SCALE	DWG NO.	KSD-SVXX42N	SIZE A4
SHEET NO.	PART NO.		VER R2

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