

SPECIFICATION规格书	承认书编号	H-SP-240313
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MODEL/SERIES/NAME系列名称:	Slide Potentiometer
MODEL NO 产品型号:	RA3061NO-D15B5.0-B50K-100

1. 一般事项 General

1.1. 适用范围 Scope

本规格书适用于直滑电位器。 This specification applies to Straight slip potentiometers.

1.2. 标准状态 Standard state

除另有特殊要求外，测量应在以下状态进行:

Unless otherwise specified, the measurement shall be carried out in the following states:

A. 温度 temperature: 15°C - 35°C

B. 相对湿度 Relative humidity: 25% - 85%

C. 气压 Air pressure: 86kpa - 106kpa

1.3. 使用稳定范围 Use stable range: -10°C to +60°C

1.4. 保存温度范围 Storage temperature range: -30°C to +70°C

1.5. 使用注意事项 Precautions for use:

A. 避免储藏于高温、潮湿的场所，产品购入后尽可能6个月内使用完，拆开包装后的未使用完的产品应密封包装后进行储存。

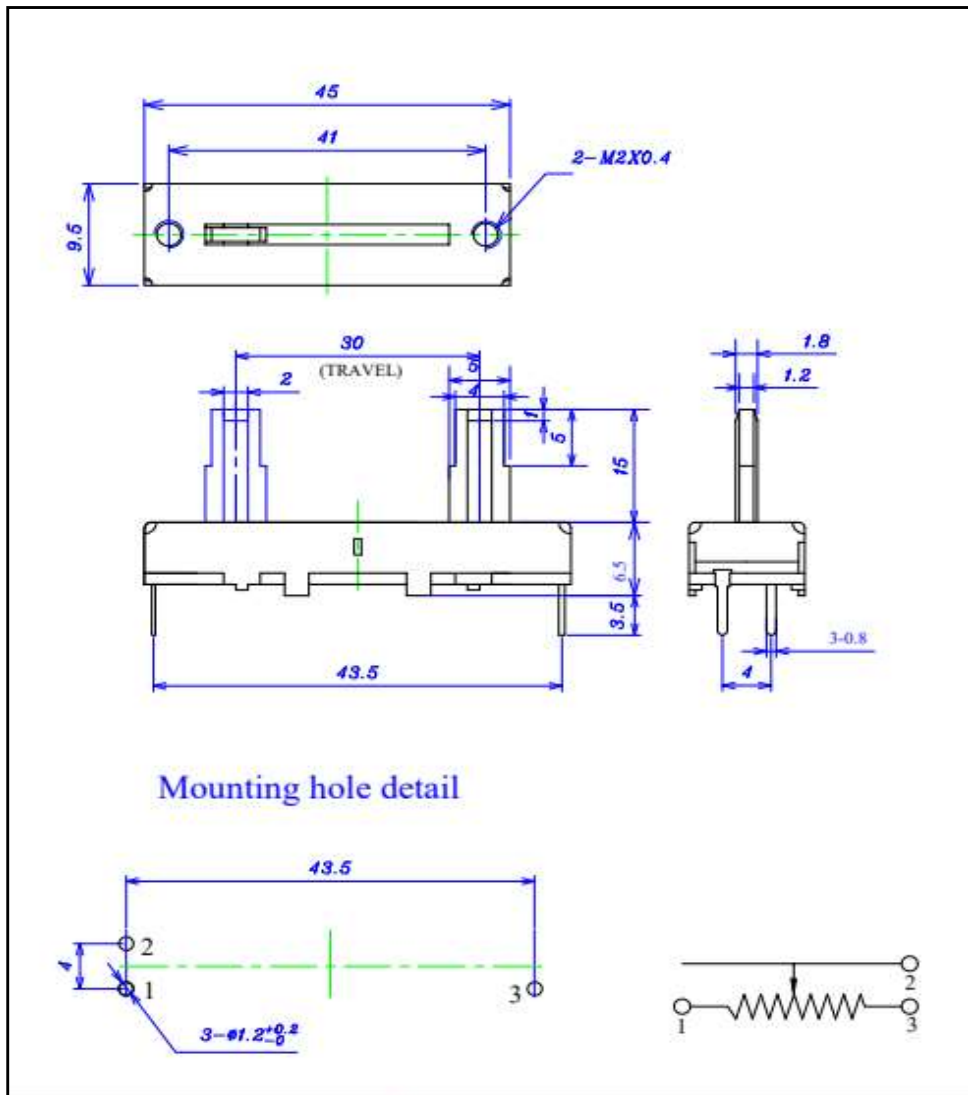
Avoid storing in high-temperature and humid places. After the product is purchased, it should be used up within 6 months as far as

B. 焊接温度及焊接时间要求应参照规格书中的参考值。

The welding temperature and welding time requirements should refer to the reference value in the specification

2. 结构 Structure

尺寸 size : 请参照所附图 Please refer to the attached finished product drawing.



				Unit	Scale	Dongguan Hongyuan Electronics Co.,Ltd	
				mm	2.5:1		
				Designed	Checked	Approved	
Zust	Design	Date	Name	Dwg. Title RA3061NO-D15B5.0-C外形图			
				Dwg. Name			
				No Allow±Number			
Material	Card Number	Disposal	Date Graphics	100Allow±0.2	10~100±0.5	100Above±0.8	Angle:5°

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3.电气性能: Electrical characteristics

ITEM项目		SPECIFICATION							
3.1	全阻抗值 Total resistance	50KΩ							
3.2	全阻抗值容许差 Total resistance tolerance	±20%							
3.3	残留电阻值 Residual resistance	Term.1~2:Less than		10Ω	Term.2~3:Less than		10Ω		
3.4	抵抗变化特性 Total resistance tolerance	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> W <input type="checkbox"/>							
3.5	定格电力 Power rating	TRAVEL		15mm	20mm	30mm	45mm	60mm	100mm
		B	Single(单联)	0.05	0.1	0.2	0.25	0.25	0.3
			Dual(双联)	0.025	0.05	0.1	0.125	0.125	0.125
		Except B	Single(单联)	0.025	0.05	0.1	0.125	0.125	0.125
Dual(双联)	0.012		0.025	0.05	0.06	0.06	0.06		
3.6	额定电压 Rated voltage	B	100	200	200	200	200	200	
		Except B	50	150	150	150	150	150	
3.7	滑动杂音 Slider noise	<100mv less than 100mv							
3.8	绝缘抵抗 Insulation resistance	100MΩ min. at 250V DC							
3.9	耐电压 Voltage proof	1 minute at 300V AC							
3.10	回转寿命 Rotational life	10, 000 cycles							

4.机械性能: Mechanical characteristics

ITEM项目		SPECIFICATION							
4.1	滑动力 Operating force	10-250gf.cm							
4.2	滑动止动强度 Lever stopper strength	5Kgf.cm (5mm point from mounting surface)							
4.3	端子铆压强度 Terminal riveting strength	1.5kg (Max)							
4.4	滑动柄摇晃度 Lever wobble	2(2×L)/20mm Max (L : Level length both sides)							
4.5	定位点 Detents /Clicks	center detent							

5. 焊锡方式: Solder way

ITEM项目		SPECIFICATION							
5.1	手工焊锡 Manual welding	350°C±5°C 3S±0.5S.							
5.2	波峰焊接 Wave soldering	260°C±5°C 5S±0.5S							

6. 外观要求及包装方式: Appearance requirements and packaging methods

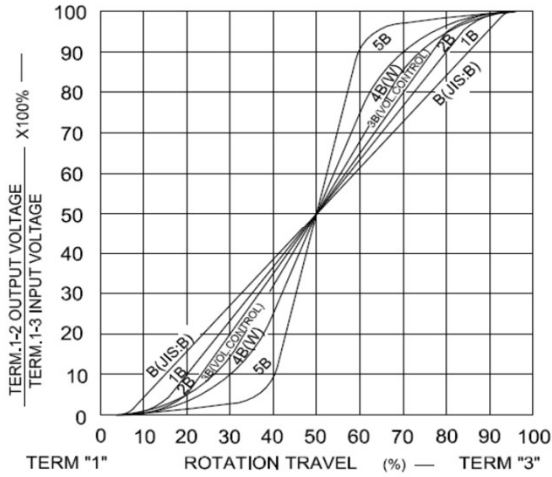
6.1. 产品无锈蚀、氧化、电镀不良、严重的端子变形等不良现象。

The product is free of rust, oxidation, poor plating, serious terminal deformation, etc.

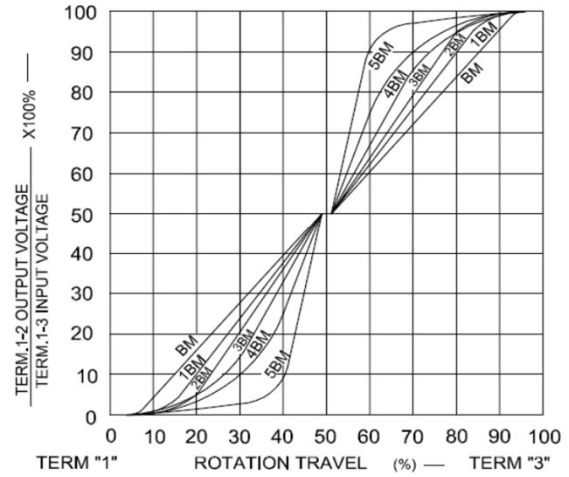
6.2. 包装方式:manner of packing: 吸塑包装 plastic tray

STANDARD RESISTANCE TAPER

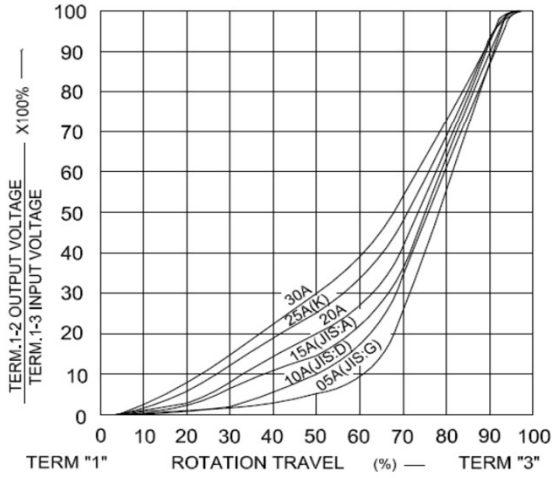
TAPERS B SERIES



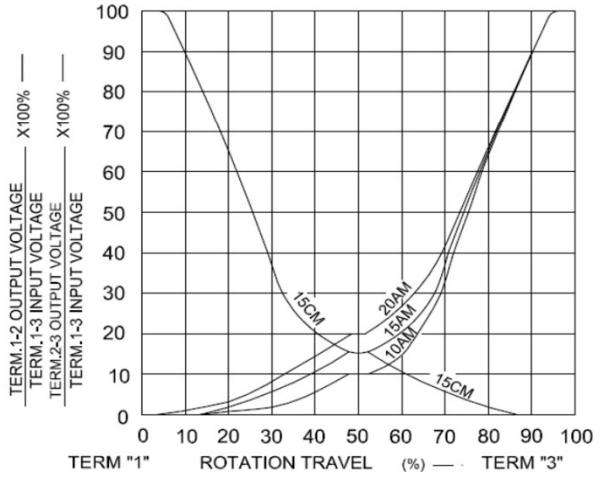
TAPERS B WITH 50% TAP



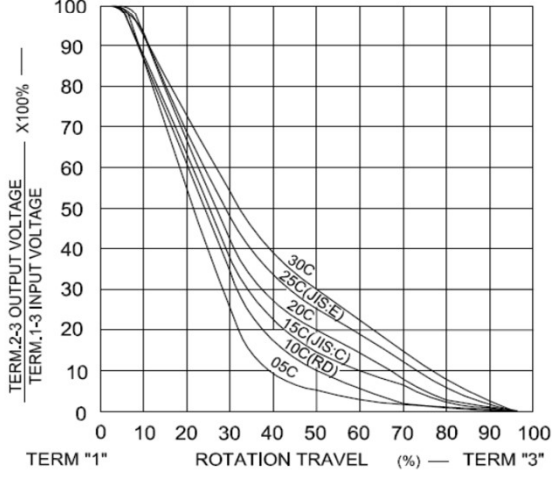
TAPERS A SERIES



TAPERS A & C WITH 50% TAP



TAPERS C SERIES



TAPERS M & N

