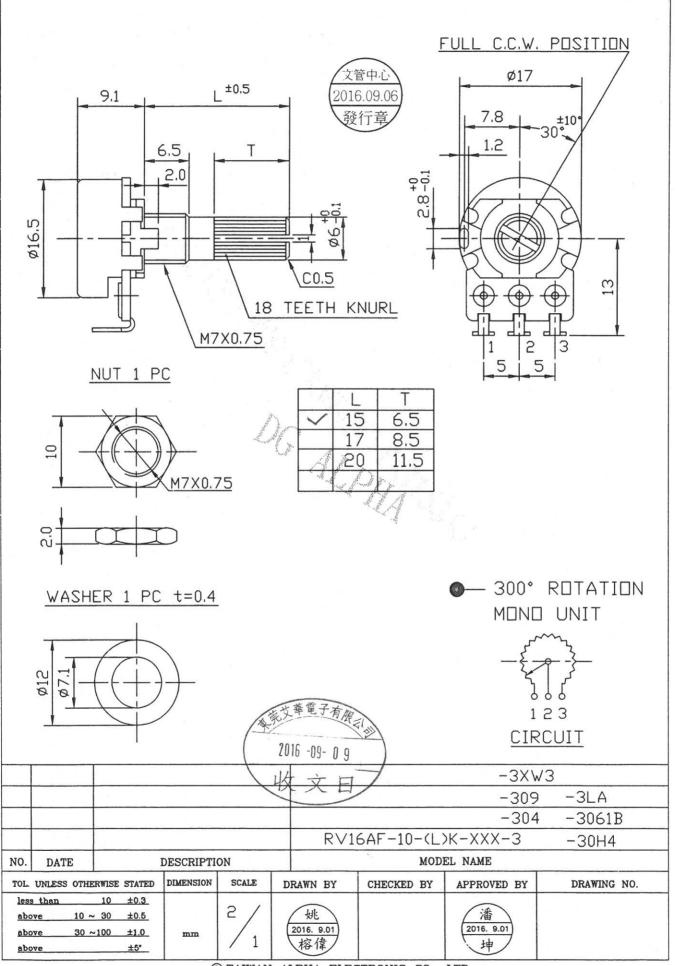
CUSTOMER'S NAME						
			ALPHA REFE	RENCE NO.		
			SP200	60056		
MOUSER ELECTRONICS						
	SPECIFI	CATION	N			
DADTNO			EL NIAME			
PART NO.	PART NO. ALPHA MODEL NAME RV16AF-10-15K-XXX-3LA					
XXX for (A1K~500K)						
	20					
	00					
	200					
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	n.				
MODEL NAME	E APPROVAL					
		07				
MODEL NO.	<u>.</u>	'WA		• •		
MODEL NO.		G				
					۰.	
			- <del>``</del>			
		PREPARED BY	REVIEWED BY	APPROVED BY		
		登下 2020.6.06	· 李	<b>建</b> 723.6.08		
		彩霞	2020-6-8; 延玲	祖衛		
	台灣艾華	電子工業	股份有	限公司		
$(\mathbf{a})$		園市桃園區中				
ALPHA	TAIWAN ALF	PHA ELECT	TRONIC C	0., LTD.		
9F, No. 1221, Chung Cheng Rd., Taoyuan Dist., Taoyuan City ,330 Te1: 886-3-3577799 Fax: 886-3-3577700						
	5-5-5577700					
	EMAIL: sales@taiw URL: http//www.ta					
			-	• •		

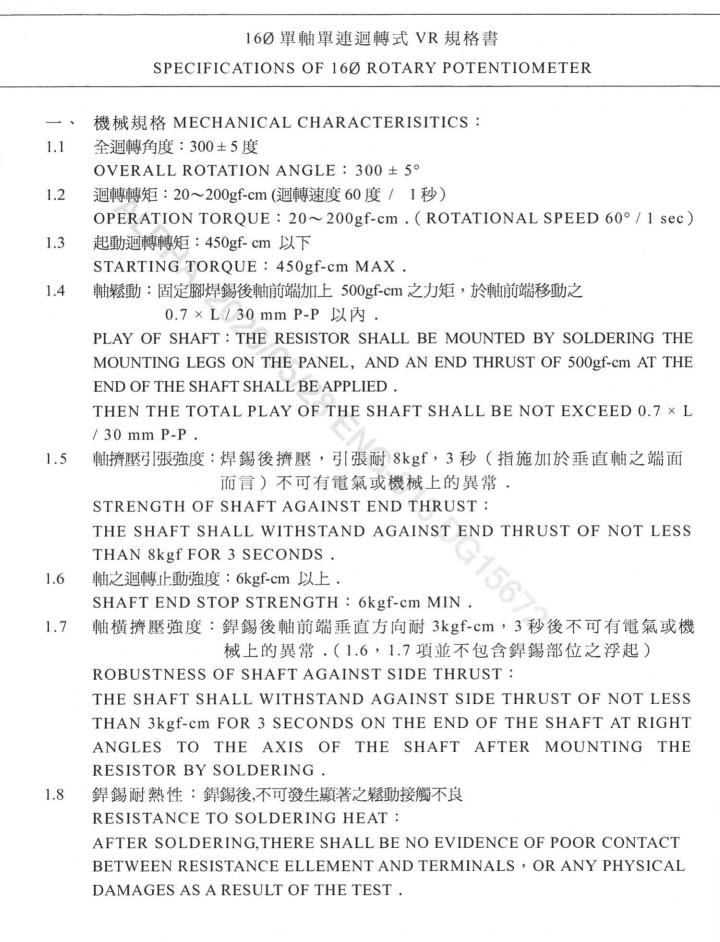
SLH-202-026



ų.

(a) TAIWAN ALPHA ELECTRONIC CO., LTD.

## RV16AF-(0C)



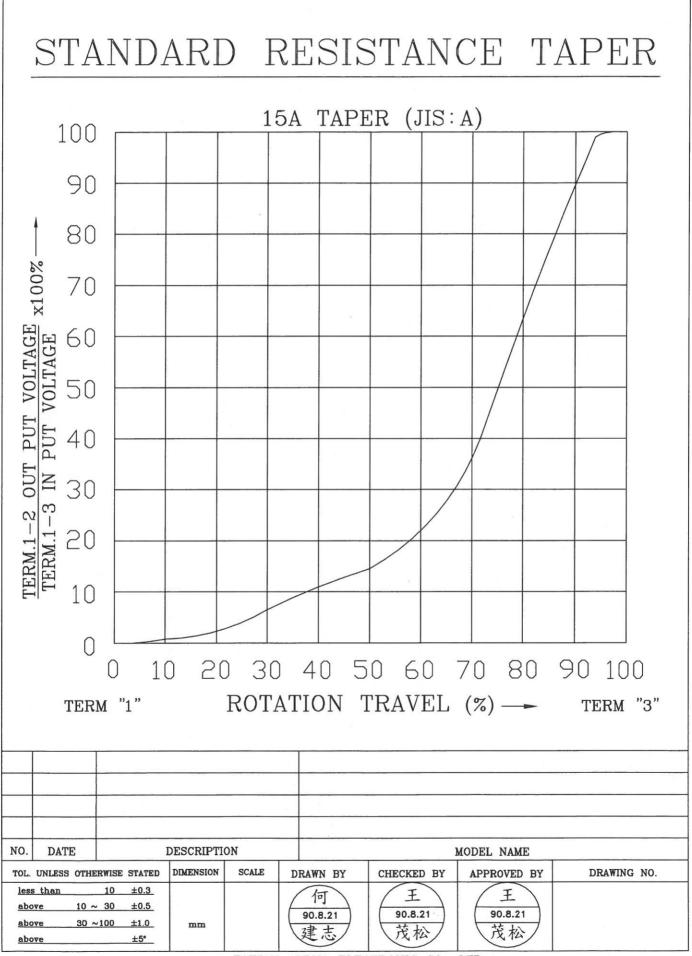
## RV16AF-(0C)

1.9	<b>軸承</b> 關 丝 田 宁 战	笛 庄 · 7kgf	Com N F					
1.9	軸承螺絲固定強度:7kgf-cm以上.							
1.10		SHING MOUNT STRENGTH: 7kgf-cm MIN.						
1.10	CLICK 位置:150 ± 2.5° POSITION OF CLICK:150 ± 2.5°							
1 1 1								
1.11	CLICK 脱出力: 30~250gf-cm							
	TORQUE OF CLICK: 30~250gf-cm ☆ (1.10, 1.11 僅適用於附 CLICK 時)							
	(1.10, 1.11	IS USED	FOR CLICK ONLY)					
<u> </u>	雷哭泪救 FIFC	TRICAL	THARACTERISITICS					
2.1		電器規格 ELECTRICAL CHARACTERISITICS: 全阻值:阻值適用範圍 1KΩ~500KΩ(容許差 ± 20%)						
2.1				$_{\pm} = 20\%$ ) K $\Omega$ (TOLERANCE± 20%)				
2.2			V. B以外線性 0.0					
2.2			ER 0.125W. EXC					
2.3	殘留阻值:1~2			LI I D 0.00W				
2.5		6.2	: terminal 1~2/2~3					
,				&留阻值(Ω)				
公稱阻抗値(KΩ) OVERALL RESISTANCE (KΩ)		残留阻恒(Ω) MAXIMUM ATTENUATION LEVEL(Ω)						
OVERAL								
		10以下 10MAX						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		20以下 20MAX 50以下 50MAX						
2.4	□	TAPER .		Z F JUMAX				
 阻抗變1		1	2 間輸出電壓 V1-2	端子 2-3 間輸出電壓 V2-3				
特性	直 (朝 之 )) 度 Test		间輸出電壓 V1-3	端了 2-3 間輸出電壓 V2-3 端子 1-3 間輸出電壓 V1-3				
Taper			(%)					
A	150°		10-25					
B	150°		40-60					
* C	*150°		40-00	10-25				
$\frac{\star}{D(10A)}$			6-15	10-23				
* E(25C)			0-15	15-35				
K(25A)			15-35	10.00				
	90±5°		5-15					
W(4B)		40-60						
( )	210±5°	85-95						
	75±5°	40-60						
М	150°	98-100						
*	*75±5°			40-60				
N	*150°			98-100				
* X(10C)				6-15				
		了 別11 出口 →	WITH RESPECT TO	the second se				

(註) \*記號表示自第三端子測起 \*WITH RESPECT TO TERMINAL 3

台灣艾華電子工業股份有限公司 TAIWAN ALPHA ELECTRONIC CO.,LTD.

- 轉動雜音:依 JIS 測定法 47mV以下(W: 200mv以下). 2.5 ROTATION NOISE (REFER TO JIS) : 47mV MAX. (W: 200mV MAX). 絕緣阻抗: D.C 500V 須在 100M Ω以上 2.6 INSULATION RESISTANCE :  $100M\Omega$  MIN . AT D.C 500 VOLTS 2.7 耐電壓: A.C 500V 可耐 1 分鐘以上 DIELECTRIC TEST : UNITS SHALL BE DESIGNED TO WITHSTAND **500 VOLTS BETWEEN RESISTANCE ELEMENTS** AND CASE FOR A PERIOD OF ONE MINUTE WITHOUT DAMAGE OR ARCING . 2.8 最高使用電壓: A.C 150V. MAXIMUM OPERATING VOLTAGE : 150V A.C  $\equiv$  . 耐久性能 ENDURANCE CHARACTERISTICS: 3.1 電阻體迴轉壽命特性:15,000迴轉以上 **ROTATIONAL LIFE : MORE THAN 15,000 CYCLES** 其他之性能 依照 JISC 6443 普通級碳素系可變電阻器: 74、 MEET OR EXCEED JISC 6443 REQUIREMENTS . NOTE 使用溫度:-10℃~+70℃ 4.1 Operating temperature range: -10°C~+70°C
  - 4.2 儲存溫度:-25℃~+75℃ Storage temperature range:-25℃~+75℃



TAIWAN ALPHA ELECTRONIC CO., LTD.

## 可變電阻無鉛焊錫與保管條件共通規格書

Common Specification of Lead-Free Soldering and Storage conditions for Potentiometers

以下焊錫條件以可變電阻置於單層 1.6mm 厚度之印刷電路板上測試為基準.

The specification below is based on testing results of 1.6mm thickness single layer printed circuit board.

1. 手工焊錫條件:

For Manual Soldering :

1-1 操作溫度最高 350°C,操作時間 3 秒以內。

To be performed within 3 seconds at 350°C or below.

2. 自動或半自動機台焊錫條件:

For Automated or Semi-Automated Soldering Equipments:

2-1 使用發泡式且比重 0.82 以上的助焊劑,發泡高度以印刷電路板厚度一半為標準,且助劑 不能流入可變電阻基板表面及印刷電路板表面。

Flux of 0.82 specific gravity, applied by foam fluxer, shall be used. Foam head shall be limited to the height which is half thickness of printed circuit board to be soldered. No flux should be allowed to run up onto resistive element board of potentiometer and the surface of printed circuit board.

- 2-2 預熱時間不超過兩分鐘,焊錫接面 (即印刷電路板底) 最高預熱溫度不超過 100°C。 Regarding preheating, the entire flow duration should not exceed 2 minutes, and soldering surface temperature (undersurface of PCB) shall be settled within 100°C.
- 2-3 焊錫過程機台設定溫度在 260°C 以下、4 秒以內。

Solder Dipping is to be performed within 4 seconds at 260°C or below.

 若回轉型電位器是塑膠軸且帶有檔位,請將主軸先調整至其中一個檔位或中心檔位上才可以 進行焊錫作業。

For rotary potentiometer with plastic shaft which have centre detent or multiple detents, the shaft should be settled in relevant detent position prior to soldering process.

4. 手工焊錫、自動或半自動機台焊錫不得超過一回。

Regardless of soldering facility and method, solder dipping or solder smearing must not be carried out more than 1 time.

註:本項焊錫溫度條件不適用於回流焊接作業設備。

Remarks: This specification is not recommended for and applicable in reflow soldering. 焊錫注意事項:

Caution for soldering: 如圖所示,請避免 PCB 上層表面有焊錫 Please avoid soldering on upper surface of P.C.B. as shown.

5. 保管條件(Storage conditions):

產品需儲存在原始的包裝,以及保持常溫 常濕、避免陽光直射、遠離任何腐蝕性氣體.

產品需盡快完全地使用完.建議最慢不要超過

交貨後6個月.產品經拆封後,全部的數量都需迅速地使用完.

The products shall be stored in the original packaging and kept at room temperature and humidity, out of direct sunlight, and away from any and all corrosive gas. The products shall be completely used as soon as possible, but no longer than 6 months from the date of delivery. Once product packaging is opened, the complete quantity of such products shall be promptly used.