MOUSER ELECTRONICS

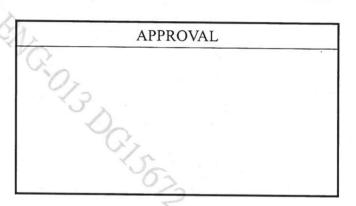
ALPHA REFERENCE NO.

SP18030057

SPECIFICATION

PART NO.	ALPHA MODEL NAME
A.	RV24AF-10-20K-XXX-LA
Ca	XXX for (B1K~500K)
	0.
	18
	3

MODEL NAME	
1. 8 a	
MODEL NO.	



PREPARED BY	REVIEWED BY	APPROVED BY
登18 2018 .3. 09 彩霞	字 1010 · 3 · 10. 延玲	章 783.12 祖衛



台灣艾華電子工業股份有限公司

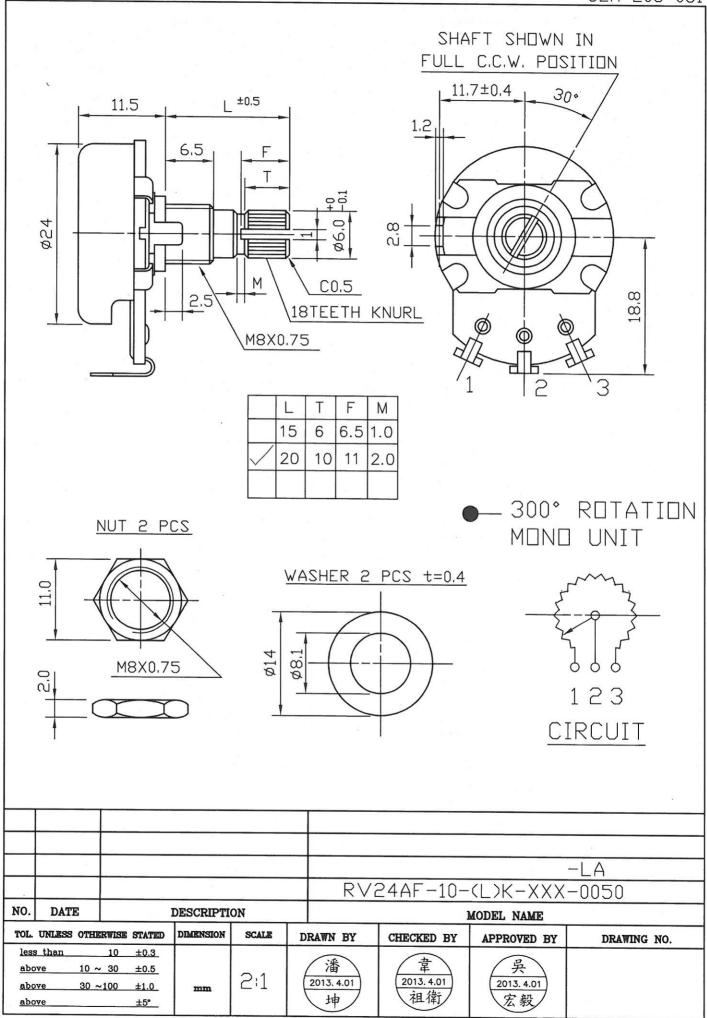
33045 桃園市桃園區中正路 1221 號 9 樓 TAIWAN ALPHA ELECTRONIC CO., LTD.

9F, No. 1221, Chung Cheng Rd., Taoyuan Dist., Taoyuan City ,330 Taiwan

Tel: 886-3-3577799

Fax: 886-3-3577700

EMAIL: sales@taiwanalpha.com.tw URL: http://www.taiwanalpha.com

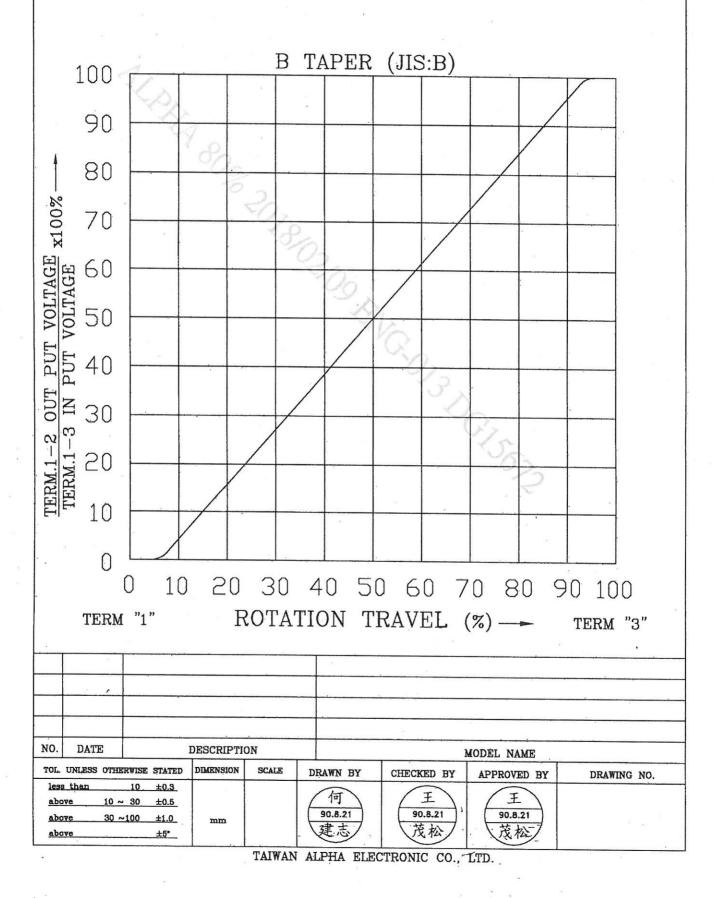


TAIWAN ALPHA ELECTRONIC CO., LTD.

			Т	_		_					_												Y				-	-	-
				% (200	×	>	%point	%	G	G	Nm	1	minute		Ωm										~			
				Ω± 20	+ C	0.5	500	1	· 09 ~	20/30	100	47	500	H		-							%	mV		Ω m			
5			-		G			50			han	han	2	1		lan											REV		
DATE	8			1K~500K					40	less than	less than		M \(\text{DC} \)	>		less than					70°C								
				terminal 1-3	terminal 1-4	temp 0~50°C		70.00		terminal 1/3 side	terminal 4 side	speed 60° / 1 sec	more than 100	AC 500		M					E: from -10°C to	TIMES	E: within ±	u	TIMES	CE: less than		87	9 1 20
			2. ELECTRICAL SPECIFICATION	I. OVERALL RESISTANCE & TOLERANCE	2. TAP RESISTANCE & TOLERANCE	3. RATED WATTAGE	4. MAXIMUM WORKING VOLTAGE	5. RESISTANCE TAPER MEASURING POINT	RANCE	RESIDUAL RESISTANCE	7. TAP RESIDUAL RESISTANCE		INSULATION RESISTANCE	10. WITHSTAND VOLTAGE	11. TRACKING ERROR	12. SWITCH CONTACT RESISTANCE	13. SWITCH RATING				3. USABLE TEMPERATURE RANGE: from -10°C to 70°C	15,000 ±	RESISTANCE CHANGE: within ±	SLIDE NOISE: less than	+1	CONTACT RESISTANCE: less than	REFERENCE NO.		
			LECTRI	1. OVERA	2. TAP RE	3. RATED	4. MAXIN	5. RESIST	& TOLERANCE	6. RESIDI	7. TAP RE	8. SLIDE NOISE	9. INSUL	10. WITHS	II. TRACK	12. SWITC	13. SWITC	×			3. USAB	4. VR LIFE	Š		SW LIFE		_		
			2. I		±5°	±0.5	kgf.cm	kgf.cm	gf.cm	gf.cm	kgf.cm	gf.cm)	sec				Ī						6	\V					
NOTE					300		less than 9	less than	20~200		more than kg		ıtic Ioad) / 60	± 1 sec	30gf.cm/10 ±1sec					17	5	50	NOIS	F T				DRAWING NO.	
		*		append fig.	degree	mm	twisting moment	torsional moment	speed 60 deg/sec.	speed 20mm/sec	pulling pushing	within mm (bending moment	more than 6 kgf.cm (static load) /	more than $500 \text{ gf.cm} / 10 \pm 1$	soldering heat 350±5 °C/3sec. 200gf.cm/10 ±1sec	of cm	degree (mm)	degree (mini)	gr.ciii				DIMENSION	M		20		DRA	K-LA
			ICATION		[1]			4CE			H	0	8)			CTHOCKE	(SIROKE)	(FORCE)				OR SLOT					IAME	31K~500
ACUSTOMER' S NAME	CUSTOMER'S PART NAME	CUSTOMER'S DRAWING NO.	1. MECHANICAL SPECIFICATION	1. OUTSIDE DIMENSION	2. TOTAL ROTATION ANGLE	3. TOTAL TRAVEL STROKE	4. NUT WIRING STRENGTH	5. SCREW TIGHTENING FORCE	6. ROTATION TORQUE	7. SLIDING FORCE	8. SHAFT LEVER STRENGTH	9. SHAFT LEVER WOBBLE	10. SHAFT LEVER STOP STRENGTH		11. TERMINAL STRENGTH	TO OT ICK POSTITION & TOPOLITIES	12. CEICKI CHITCH & LOKO	13. SWITCH WORKING ANGLE (STROKE)	14. SWITCH WORKING TORQUE (FORCE)	15. SWITCH CIRCUIT		SHAFT	ANGLE OF FLAT OR SLOT	MATERIAL θ				MODEL NAME	RV24AF-10-20K-B1K~500K-LA

TAIWAN ALPHA ELECTRONIC CO., LTD.

STANDARD RESISTANCE TAPER



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爲基準.

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爲標準,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.
- 3. 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。

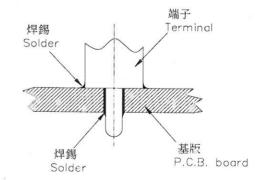
Remarks: This specification is not recommended for and applicable in reflow soldering. 焊錫注意事項:

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.