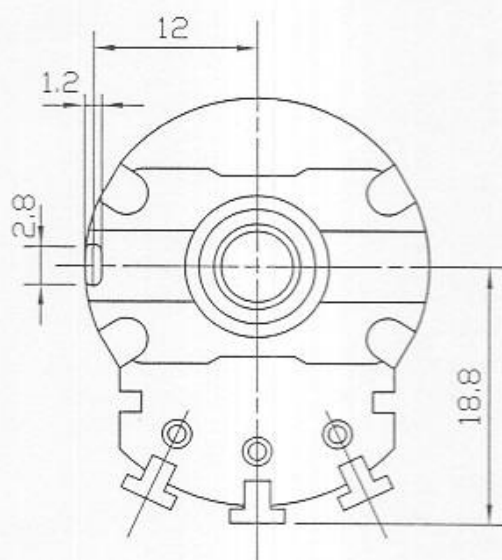
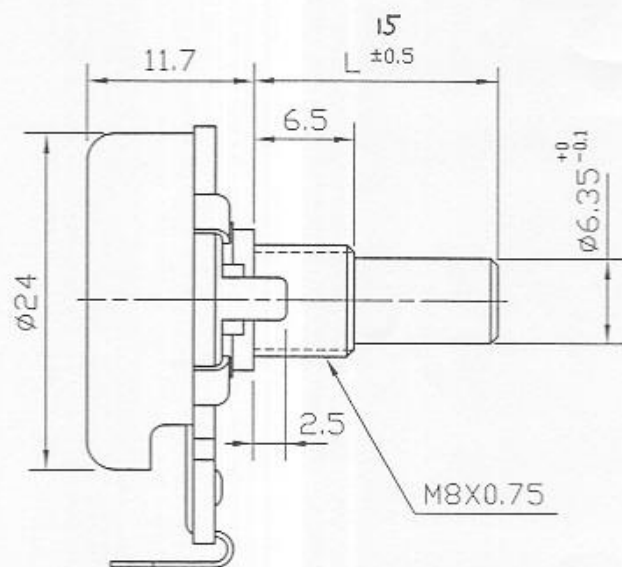
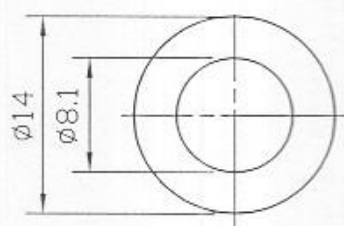
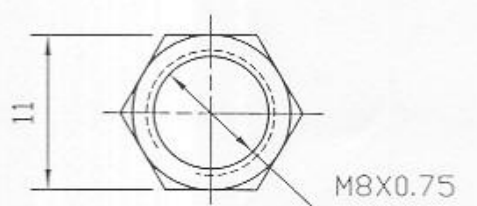
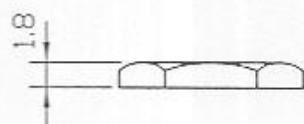




NUT

WASHER $t=0.4$ 

						</	

CUSTOMER'S NAME	Tube Town	NOTE	DATE
CUSTOMER'S PART NAME			NOV.01.2006
CUSTOMER'S DRAWING NO.			

1. MECHANICAL SPECIFICATION

1. OUTSIDE DIMENSION	accord fig		
2. TOTAL ROTATION ANGLE	degree	300	±5
3. TOTAL TRAVEL STROKE	mm		±0.5
4. NUT WRING STRENGTH	twisting moment	less than	kg.cm
5. SCREW TIGHTENING FORCE	torsional moment	less than	kg.cm
6. ROTATION TORQUE	speed 50 deg/sec	20-200	g.cm
7. SLIDING FORCE	speed 20 mm/sec		g.cm
8. SHAFT LEVER STRENGTH	pulling pushing	more than	g
9. SHAFT LEVER WOBBLE	within mm (bending moment	g.cm)	
10. SHAFT LEVER STOP STRENGTH	more than 6 kg.cm (static load)	60 sec	
11. TERMINAL STRENGTH	so/dering heat 300±5°C/3sec. 200g.cm/10±1 sec.		
	resist. change within ±2%		
12. CLICK POSITION & TORQUE	g.cm		
13. SWITCH WORKING ANGLE (STROKE)	degree (mm)		
14. SWITCH WORKING TORQUE (FORCE)	g.cm		
15. SWITCH CIRCUIT			

SHAFT

MATERIAL	ANGLE OF FLAT OR SLOT	DIMENSION
	θ at	M L F T
ALUMINUM		15

MODEL NAME	DRAWING NO.
RV24AF-10-15R1-B25K	

2. ELECTRICAL SPECIFICATION

1. OVERALL RESISTANCE & TOLERANCE	terminal 1-3	25K	Ω ± 20 %
2. TAP RESISTANCE & TOLERANCE	terminal 1-4		Ω ± %
3. RATED WATTAGE	temp. 0~50°C	0.25	W
4. MAXIMUM WORKING VOLTAGE		250	V
5. RESISTANCE TAPER MEASURING POINT & TOLERANCE		A	50 %point 10-25 %
6. RESIDUAL RESISTANCE	terminal 1 / 3 side	less than	20 / 20 Ω
7. TAP RESIDUAL RESISTANCE	terminal 4 side	less than	100Ω
8. SLIDE NOISE		less than	47 mV
9. INSULATION RESISTANCE	more than	100MΩ (DC 500 V)	
10. WITHSTAND VOLTAGE	AC 500 V	1	minute
11. TRACKING ERROR			
12. SWITCH CONTACT RESISTANCE	MΩ	less than	mΩ
13. SWITCH RATING			

3. USABLE TEMPERATURE RANGE: from -10°C to 70°C

4. VR LIFE 15,000 ± TIMES

RESISTANCE CHANGE: within ± %

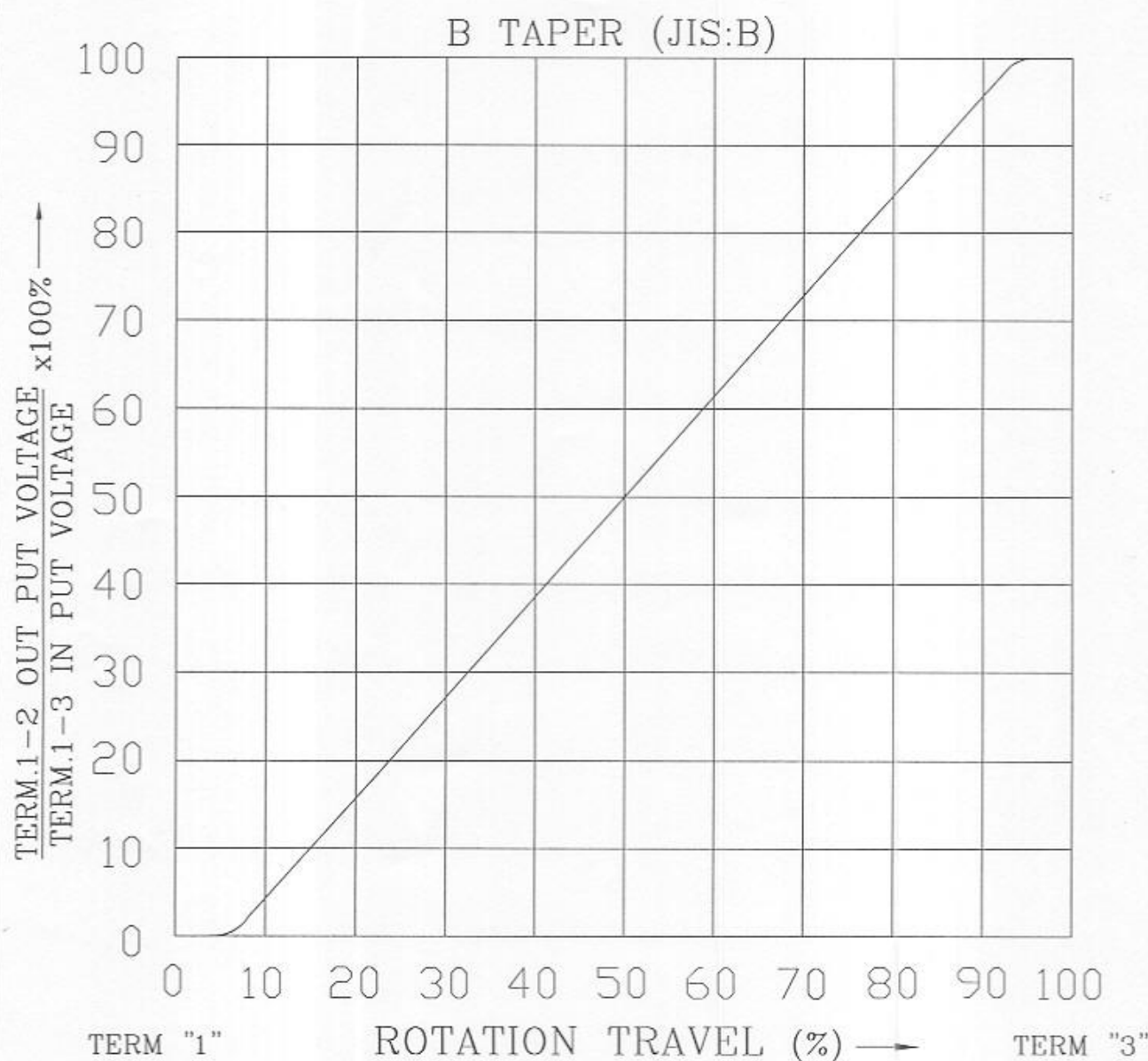
SLIDE NOISE: Less than mV

SW LIFE ± TIMES

CONTACT RESISTANCE: less than mΩ

PREPARED BY	DESIGNED BY	APPROVED BY	REFERENCE NO.	REV.
			SP06100356	

STANDARD RESISTANCE TAPER



NO.	DATE	DESCRIPTION	MODEL NAME				
TOL. UNLESS OTHERWISE STATED	DIMENSION	SCALE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NO.	
less than 10 ±0.3	mm		何 90.8.21 建志	王 90.8.21 茂松	王 90.8.21 茂松		
above 10 ~ 30 ±0.5							
above 30 ~ 100 ±1.0							
above ±5°							

TAIWAN ALPHA ELECTRONIC CO., LTD.

Common Specification of Soldering (RoHS-Compliant)
焊接共通規格書

1 Soldering conditions

無鉛銲接條件

Soldering shall be carried out under the following condition:

進行銲接處理時，請確保在下列工作條件：

1-1 Substrate to be soldered: Copper clad laminated phenol board of 1.6mm thick.

銲接物面料：t 1.6 mm 銅箔積層板。

1-2 Specific gravity of flux : 0.82 (applied by foam fluxer).

助銲劑比重：0.82(泡沫型塗佈)。

1-3 Foam head : The foam head should be limited to the height which is half of the board to be soldered .No flux should be allowed to run up onto the board's surface.

泡沫高度：發泡頂端大致在基板厚度一半的位置,而助銲劑不可流入基板表面上。

1-4 Preheating: Surface temperature of the substrate is allowed to be heated up , at most, to 100°C , and sustain at the respective temperature for two minutes as a maximum.

預熱：基板表面溫度 100°C 以下，2 分鐘以內。

1-5 Conventional Soldering: To be performed within 10 seconds at 260°C or below.

一般銲接：260°C 以下，10 秒以內。

(This item is not recommended for and applicable in reflow soldering)

(本項銲錫溫度條件不適用於回流銲接作業設備)

1-6 Manual soldering : To be performed within 3 seconds at 350±5°C

手銲：350±5°C，3 秒以內。

Either items 1-5 or 1-6 should not be carried out more than 2 times.

項目 1-5 一般銲接或 1-6 手銲接不能超過兩回。

The conditions stipulated above are only applicable to conventional soldering but not reflow soldering. If your soldering implementation suggests otherwise , please provide your specific soldering requirement.

以上為一般銲接作業條件(不包括回流銲),使用高溫銲接作業設備請另外提出需求。