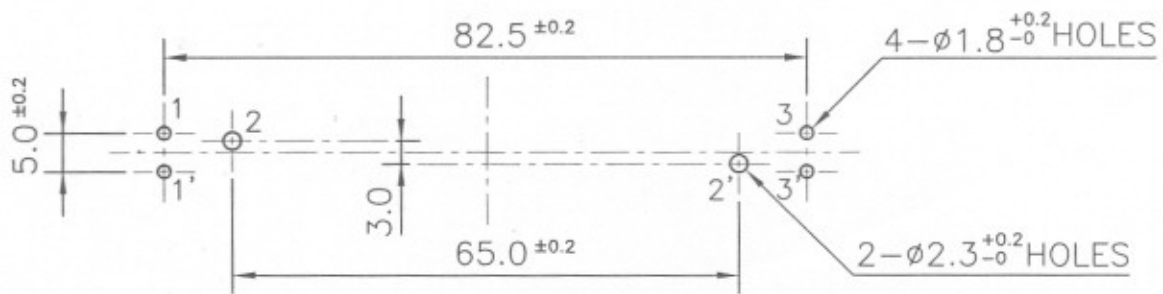


P.C.B. MOUNTING DETAIL



				-C1			
				RA6030F-20-(L)C2-XXX-01			
No.	DATE	DESCRIPTION	PART No.	NAME			
TOL.UNLESS OTHERWISE STATED		DIMENSION	SCALE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING No.
less than	10	±0.3	1:1	傅 97.6.6 仕維	王 2003.6.05 茂松	楊 2003-6-6 子鑫	
above	10~30	±0.5					
above	30~100	±1.0					
above		±5'					

CUSTOMER'S NAME	Uniservice Co Ltd.	NOTE	DATE	OCT.07.2008
CUSTOMER'S PART NAME				
CUSTOMER'S DRAWING NO.				

### 1. MECHANICAL SPECIFICATION

1. OUTSIDE DIMENSION	append fig.	
2. TOTAL ROTATION ANGLE	degree	±5°
3. TOTAL TRAVEL STROKE	mm	60 ±0.5
4. NUT WIRING STRENGTH	twisting moment	less than kg.cm
5. SCREW TIGHTENING FORCE	torsional moment	less than 2 kg.cm
6. ROTATION TORQUE	speed 60 deg/sec.	g.cm
7. SLIDING FORCE	speed 20mm/sec	50~350 g.cm
8. SHAFT LEVER STRENGTH	pulling pushing	more than kg
9. SHAFT LEVER WOBBLE	within mm (bending moment	g.cm)
10. SHAFT LEVER STOP STRENGTH	more than 5 kg.cm (static load) / 60 sec	
11. TERMINAL STRENGTH	more than 500 g.cm / 10 ± 1 sec	
	soldering heat 350±5°C/3sec. 200g.cm/10 ±1sec	
	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			
	$\theta$	M	L	F	T
IRON	at				
			16		

MODEL NAME	DRAWING NO.
RA6030F-20-16C2-A10K-01	

### 2. ELECTRICAL SPECIFICATION

1. OVERALL RESISTANCE & TOLERANCE	terminal 1-3	10K $\Omega \pm 20$ %
2. TAP RESISTANCE & TOLERANCE	terminal 1-4	$\Omega \pm$ %
3. RATED WATTAGE	temp 0~50°C	0.125 W
4. MAXIMUM WORKING VOLTAGE		350 V
5. RESISTANCE TAPER MEASURING POINT & TOLERANCE		A 50 %point 10 ~ 25 %
6. RESIDUAL RESISTANCE	terminal 1/3 side	less than 20/20 $\Omega$
7. TAP RESIDUAL RESISTANCE	terminal 4 side	less than 100 $\Omega$
8. SLIDE NOISE		less than 71 mV
9. INSULATION RESISTANCE	more than 100 M $\Omega$ (DC	500 V)
10. WITHSTAND VOLTAGE	AC 500 V	1 minute
11. TRACKING ERROR		-40dB~0dB $\leq 3$ dB
12. SWITCH CONTACT RESISTANCE	M $\Omega$	less than m $\Omega$
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 m $\Omega$

REFERENCE NO.	REV
SP08100046	