

GENERAL SPECIFICAL OF ROTARY V/R

MODEL

RV 2402 20SL B100K

1.ELECTRONICS SPECIFICATION

	SPECIFICATION		R1	R2	R3	R4	R5	R6
1	TOTAL RESISTANCE	TERMINAL 1-3	100 k Ω \pm 20 %		10 k Ω Ⓚ \pm 10 %		k Ω \pm 20 %	
2	TAP RESISTANCE	TERMINAL 1-4	k Ω \pm 20 %		k Ω \pm 20 %		k Ω \pm 20 %	
3	RATED WATTAGE		TEMP. 0 - 50 ° C 0.2 W					
4	MAXIMUM WORKING VOLTAGE		200V					
5	RESISTANCE TAPER MEASURING POINT & TOLERANCE - (EIAJ RC -2663)		TAPER : B			50 % POINT 40 ~ 60 %		
6	RESISDUAL RESISTANCE	TERMINEL 1-2	LESS THAN 10 Ω					
		TERMINAL 2-3	LESS THAN 10 Ω					
7	TAP RESISDUAL RESISTANCE		TERMINAL - 4 SLIDE			LESS THAN Ω		
8	SLIDE NOISE		LESS THAN			47 mV		
9	INSULATION RESISTANCE		MORE THAN			100 M Ω (DC 500V)		
10	WITHSTAND VOLTAGE		AC 500V			1 minute		
11	TRACKING ERRORE		VOLUME: \pm 3dB at 0 to -4dB / TONE: \pm 2dB (CENTER POSITION)					
12	SWITCH CONTACT RESISTANCE		LESS THAN			100 m Ω		
13	SWITCH RATION		AC 220V 7.5 A					

2.MECHANAL SPECIFICATION

2-1	OUTSIDE DIMENSION	APPEND FIG.	
2-2	TOTAL ROTATION ANGLE	degree	300 ° \pm 5°
2-3	TOTAL TRAVEL STROKE	mm	mm \pm 5 mm
2-4	NUT WRING STRENGTH	twisting moment	less than 7 kg.cm
2-5	SCREW TIGHTENING FORCE	torsional moment	less than 5 kg.cm
2-6	ROTATION TORQUE	speed 60 dge./sec	20 - 250 g.cm

2-7	SLIDING FORCE	speed 20 dge./sec	20 - 250 g.cm
2-8	SHAFT LEVER STRENGTH	pull-push poeration force	more than 7 kg.cm
2-9	SHAFT LEVER WOBBLE	radial direction : one side $\pm 0.25\text{mm}$ MAX.	Thrust direction : 0.5mm MAX.
			When applied a moment of 250g.cm and measured at tip of shaft from mounting surface
			Within 0.25L/25 (L:shaft strength)
2-10	SHAFT LEVER STOP STRENGTH	Kg.cm	more than 5 kg.cm / 60 SEC
2-11	TERMINAL STRENGTH	more than 500 g .cm / 10 \pm 1 sec	
		soldering heat 300° c \pm 3sec	more than 200 g.cm
2-12	CLICK POSITION & TORQUE	g . cm	30 ~ 300
2-13	SWITCH WORKING ANGLE(STORKE)	degree (mm)	50° ± 5 °
2-14	SWITCH WORKING TORQUE(FORCE)	g . cmm	Less then 1500g.cm
2-15	SWITCH CIRCUIT	S P S T	1 C - 1 P

3. DURABILITY

	SPECIFICATION					
3-1	OPERATIOPN TEMPERATURE RANGE		FROM -20 ℃ TO 70 ℃			
3-2	SOLDERING HEAT RESISTANCE		3 SEC AT 300 ° ± 5 ℃			
3-3	ROTATIONAL LIFE		15,0000 ± 200 CYCLES RESISTANCE CHANGE WITHIN ± 15% SLIDE NOISE LESS THAN 150mV 10,000 CYCLES S/W CONTACT RESISTANCE LESS THAN 200 mΩ			
PART NO.		PART NAME	DATE	PREPARED BY	REVIEWED BY	APPROVED BY
3						
2						
1		APPROVAL	1993.5.8	JEON DONG SU	CHANG.D.C	CHAI.Y.K

