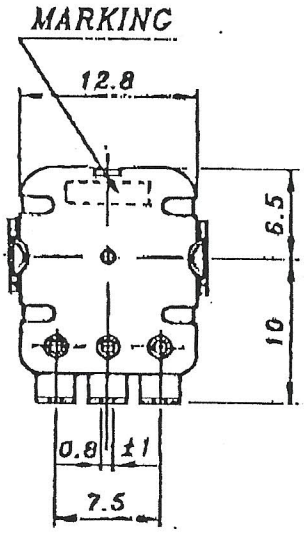
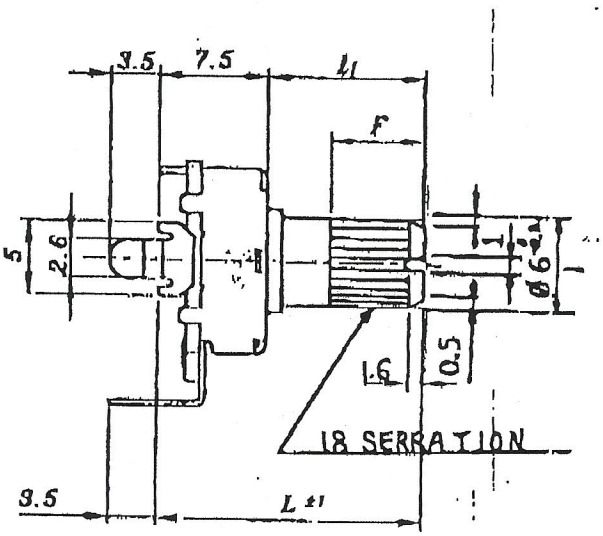
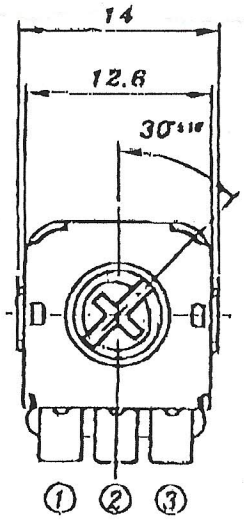
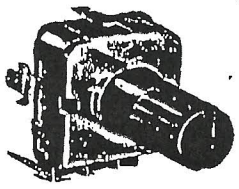
TITLE	12RH	DWG NO	

SHAFT SHOWN IN FULL C.C.W POSITION



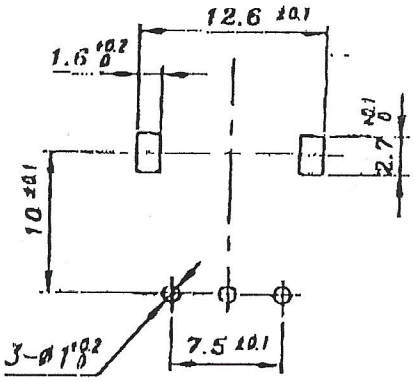






SHAFT DIMENSIONS

	L	l1	F
KS-Type	15	8	5
RS-Type	20	13	7
RS-Type	25	18	7
KS-Type	30	23	15
KS-Type	20	13	10



P.C.B MOUNTING DETAIL
(VIEWED FROM MOUNTING SILD)

NO	DATE	DESCRIPTION		NO	SAELA MODEL NAME	NOTE

SCALE	DIMENSION	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NO
	MM	98. 1. 15	98. 1. 15	98. 1. 21	

	SHEET OF
12 RH SPECIFICATION	

1.ELECTRICAL SPECIFICATION

1-1. TOTAL RESISTANCE : 10kΩ ± 20%
1-2. RATED WATTAGE : 0.1W
1-3. MAXIMUM OPERATING VOLTAGE : DC 150V
1-4. RESISTANCE TAPER : B CURVE
1-5. TAP RESIDUAL RESISTANCE : LESS THAN 300Ω FOR TERMINAL 1 TO 2
LESS THAN 300Ω FOR TERMINAL 2 TO 3
1-6. SLIDE NOISE : LESS THAN 47mV
1-7. INSULATION RESISTANCE : GREATER THAN 100MΩ/DC250V
1-8. DIELECTRIC STRENGTH : AC250VAC FOR 1 MINUTE

2. MECHANICAL SPECIFICATION

2-1. TOTAL ROTATION ANGLE : 300° ±10 °
2-2. ROTATIONAL TORQUE : 20 ~ 200gf. cm
2-3. SHAFT STOP STRENGTH : 3kgf. cm
2-4. SHAFT (LEVER) STRENGTH : AFTER DEADING THE LOAD 5kgf FOR 10±1 SECONCS AT THE DIRECFTION OF SHAFT, THERE SHOULD BE NO PROBLEM ON ELCTRICAL AND MECHANICAL.
2-5. TERMINAL STRENGTH : AFTER SOLDERING (TEMPERATURE:UNDER 300° TIME : WITHIN 3SECONDS), THERE SHOULD BE PROBLEM LIKE AS REMARKABLE WOBBLE AND CONNECTION BAD.
2-6. SHAFT (LEVEL) WOBBLE : AFTER LOADING THE STENGTH OF 300gf cm TO THE HAFT AT THE RIGHT ANGLE, IT SHOULD BE UNDER (0.80x L/20) x 3mm.

3. DURABILITY SPECIFICATION

3-1. LIFE TIME : MINIMUM 10,000 CYCLE

4. TEMPERATURE RANGE

4-1 OPERATING TEMPERATURE RANGE ; -20° C ~ +70° C
4-2 STORAGE TEMPERATURE : -20° C ~ +70° C
4-3. COLD RESISTANT : -20° C

5. OTHERS

5-1. AS PER INDIVIDUAL SPECIFICATION

NO	DATE	DESCRIPTION		NOTE
A				