

Customer : ALPS ELECTRIC EUROPA GmbH

No. F3853094M

Date : Nov. 14, 1994

Attention: _____

Your ref. No: _____

Your Part. No: STRK16304

SPECIFICATIONS

ALPS :

MODEL RK1631110
(10kB)

Spec. No. : _____

Sample No. : F3853094M

RECEIPT STATUS

RECEIVED

By. Date _____

Signature _____

Name

Title

ALPS ELECTRIC CO., LTD.

HEAD OFFICE
1-7, YUKIGAYA-OHTSUKA-CHO.
OHTA-KU, TOKYO 145 JAPAN

DSG'D M. Takahashi

APP'D Y. Ohya

ENG. DEPT. DIVISION

Sales _____

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RK1631110 POTENTIOMETERS.

2. CONTENTS OF THIS SPECIFICATIONS.

F3853094M

3. MARKING

-MARKING ON ALL UNITS
EIA DATE CODE, RESIST. VALUE, TAPER

4. REMARKS

-FURNISH PACKAGE
NUT: 1, WASHER: 1

SPECIFICATIONS

ELECTRICAL

- 1. Total resistance : 10kΩ(nominal) ± 20%
- 2. Rated power : 0.1 W
- 3. Rated voltage :

The rated voltage shall be the voltage of D.C. or A.C. (commercial frequency, effective value) corresponding to the rated power (dissipation), and be obtained from the following formula. When the obtained rated voltage exceeds the maximum working voltage given in the following, however, the maximum working voltage of the following shall be the rated voltage.

$$E = \sqrt{P \cdot R} \text{ (V)}$$

where E : Rated voltage (V)
 P : Rated power (dissipation) (W)
 R : Nominal total resistance (Ω)

Maximum working voltage : 150V A.C., 5V D.C.

- 4. Resistance taper : B
- 5. Residual resistance between terminals
 between term. 1 & 2, term. 2 & 3 : 20Ω max.
- 6. Sliding noise : Less than 47mV (Measured by JIS C 6443.)
- 7. Insulation resistance : More than 100MΩ at 500V D.C.
- 8. Withstand voltage : 500V A.C. for 1 minute.

MECHANICAL

- 1. Total rotational angle : 300° ± 3°
- 2. Rotational torque : 30~250 gf·cm (Rotational speed : 60°/sec)
- 3. Stopper strength : 9 kgf·cm min.
- 4. Resistance to soldering heat :

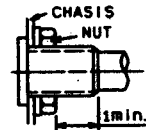
After soldering (Less than 350°C and within 5sec), there shall be no evidence of poor contact between resistance element and terminal, or any physical damages as a result of the test.

- 5. Bushing nut tightening strength : Tightening torque to be no greater than 12 kgf·cm.

Pay attention to tighten as shown right. Otherwise, the strength may not be assured.

- 6. Push / pull strength :

No damages with an application of push or pull force 10kgf for 10 sec.



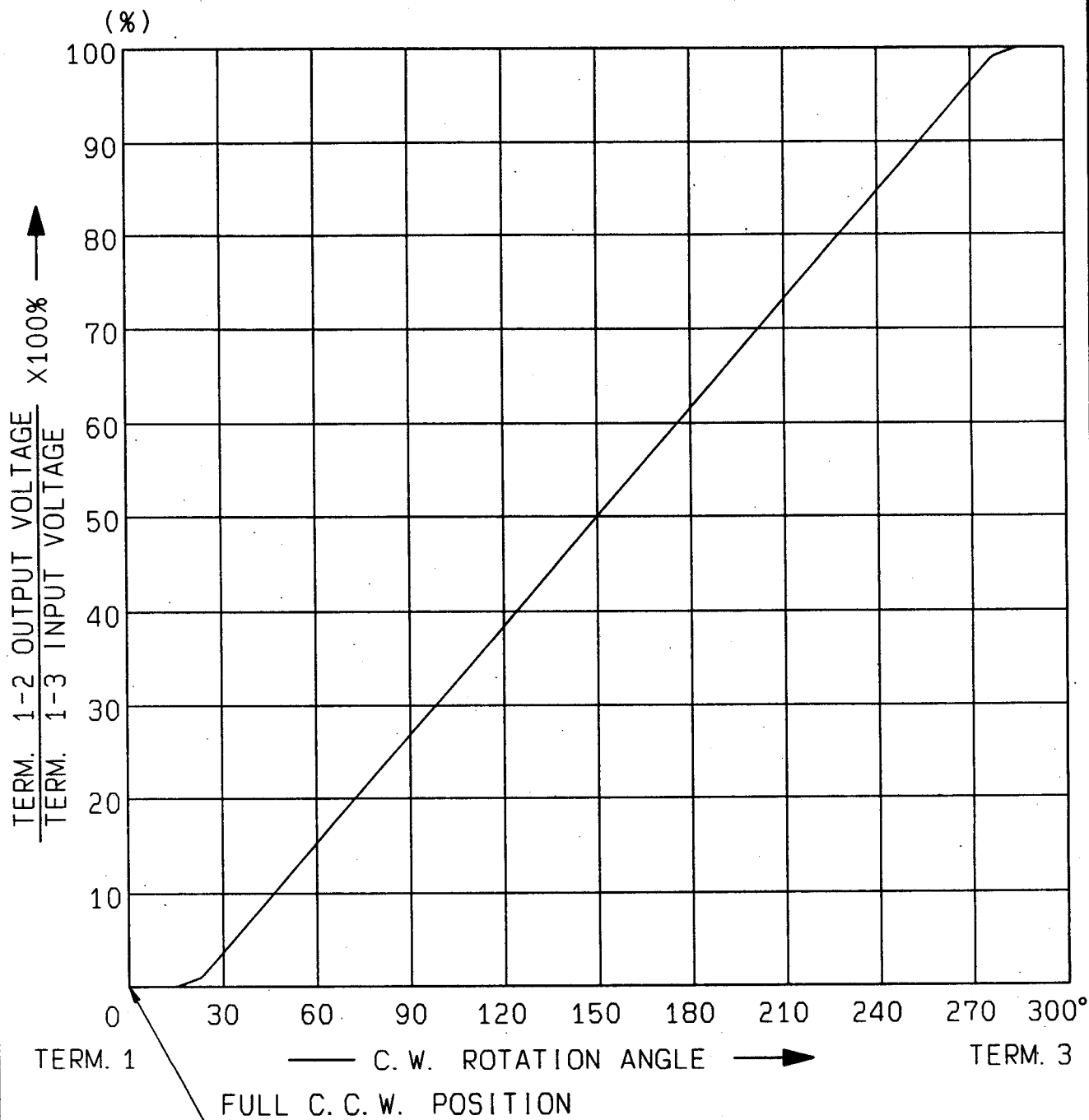
ENDURANCE

- 1. Rotational life : 15,000 cycles min.

NOTE

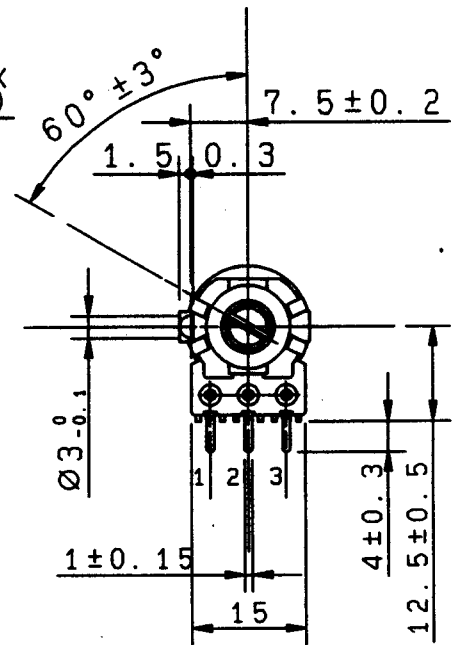
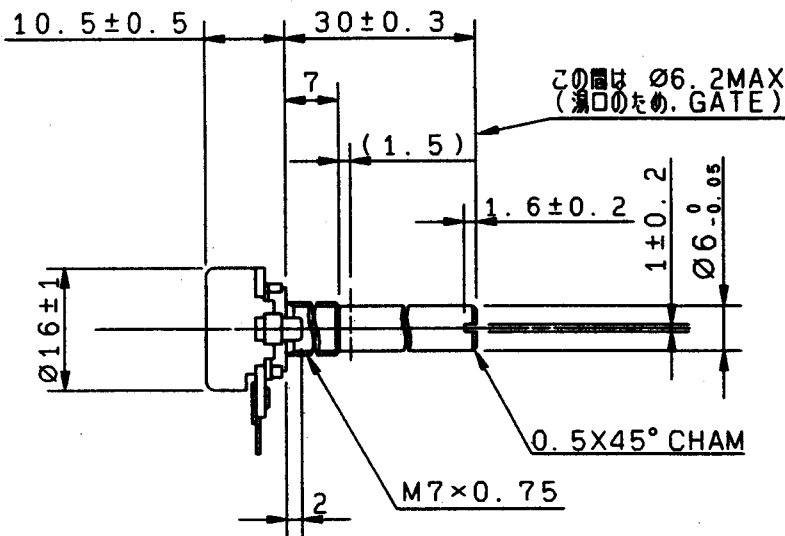
- 1. The items except above mentioned items shall meet or exceed JIS C 6443.
- 2. This type is protected against sulfides.

ALPS ELECTRIC CO., LTD.								
					APPD. <i>Mar. 08. '93</i> S. Aizawa	CHKD. <i>Mar. 08. '93</i> M. Satoh	DSGD. <i>Mar. 08. '93</i> Y. Saitoh	TITLE F 3853094M
DOCUMENT NO.								
SYMB	DATE	APPD	CHKD	DSGD				



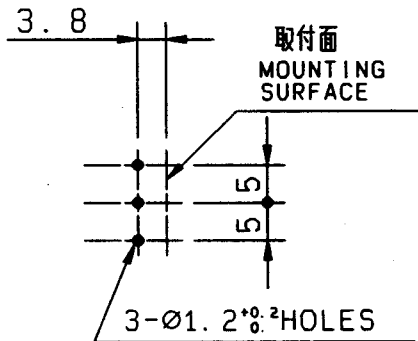
AT 150° C.W. SHAFT ROTATION FROM FULL C.C.W. POSITION VOLTAGE PERCENT SHALL FALL WITHIN THE LIMITS OF 40~60 PERCENT.

					APPD.	CHKD.	DSGD.	NAME
					ADR. 27. '93	ADR. 27. '93	ADR. 27. '93	RESISTANCE TAPER (B)
					K. Magami	K. Sasaki	T. Kumagai	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				F3853094M



取付穴寸法図 許容差±0.1
 (挿入側から見た図)
 P. W. B. MOUNTING DETAIL
 TOLERANCE ±0.1
 VIEWED FROM MOUNTING SIDE

上図は、軸を反時計方向に
 回した状態を示す
 SHAFT SHOWN IN FULL
 C. C. W. POSITION



製品重量: 10.5g
 NET WEIGHT

指定なき部分の許容差 TOLERANCES UNLESS OTHERWISE SPEC	
$L \leq 10$	±0.3
$10 < L < 100$	±0.5
$100 \leq L$	±0.8
角度 ANGULAR DIMENSION	±5°

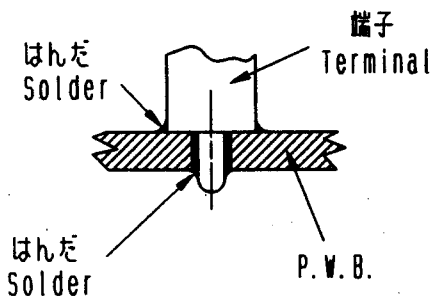
PART NO.	NAME	MATERIAL NAME / CODE	FINISH
ALPS ALPS ELECTRIC CO., LTD.			
	DSGD. 設計者	SCALE	F 3853094M
	Y. Saitoh 93-03-05		
	CHKD.	TITLE	FIGURE
	M. Satoh 93-03-05	16形単速ホリユーム組立図	
	APPD.	UNIT	DOCUMENT NO.
SYMB	DATE	APPD	CHKD
		S. Aizawa 93-03-05	mm mm
			スーパー単速

< はんだ付け時の注意事項 >

図のようにP. W. Bの上面に はんだ付けをする配線は、お避け下さい。

Caution for soldering

Please avoid soldering on upper surface of P.W.B. as shown



					ALPS ALPS ELECTRIC CO., LTD.			
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					Apr. 14, '93	Apr. 14, '93	Apr. 14, '93	F3853094M
					S. Aizawa	M. Satoh	Y. Saitoh	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				