

Customer : ROXBURGH ELECTRONICS LIMITED

No. SP-96-0471

Date : Jan. 29, 1996

Attention:

Your ref. No:

Your Part. No: 211130

SPECIFICATIONS

ALPS :

MODEL RK1631110
(10kB)

F.E.C. No: 642-988

Sample No. : G0445044M

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. Sato

APP'D C. Maeda

ENG. DEPT. DIVISION

Sales

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RK1631110 POTENTIOMETERS.

2. CONTENTS OF THIS SPECIFICATIONS.

G0445044M

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.

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

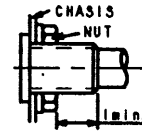
where
 E : Rated voltage (V)
 P : Rated power (dissipation) (W)
 R : Nominal total resistance (Ω)

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.

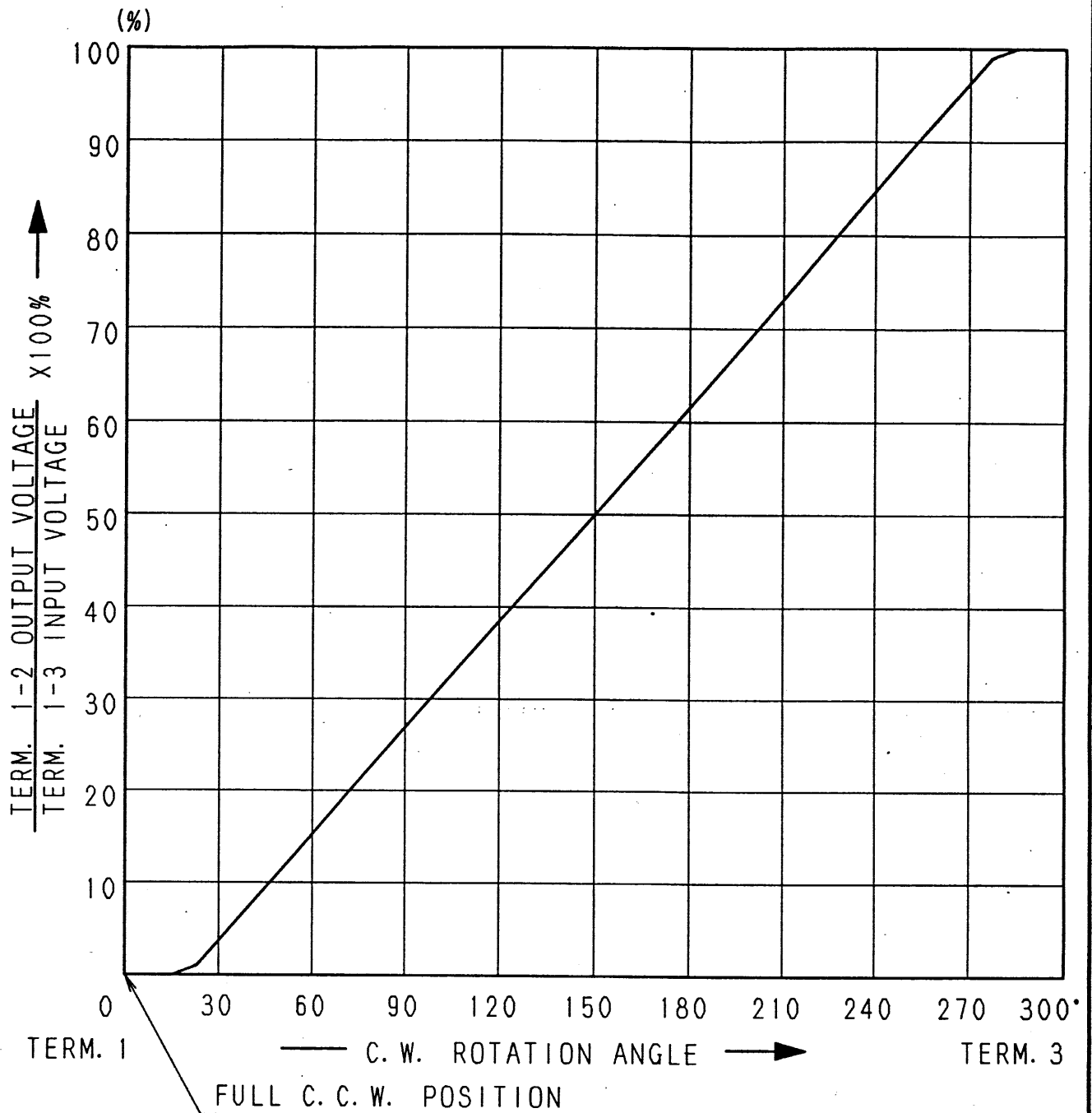
NOTE

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>	CHKD. <i>Mar. 08. '93</i>	DSGD. <i>Mar. 08. '93</i>	TITLE G0445044M	
		<i>S. Aizawa</i>	<i>M. Satoh</i>	<i>Y. Saitoh</i>	DOCUMENT NO.	
SYMB	DATE	APPD	CHKD	DSGD		

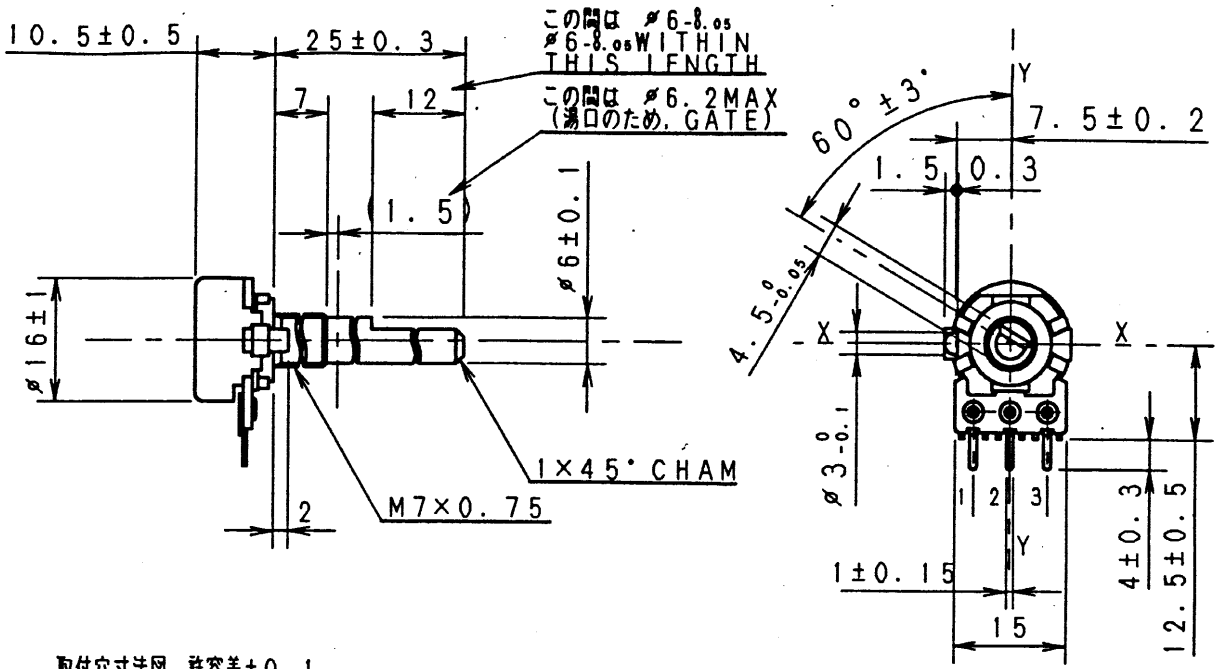


ALPS ELECTRIC CO., LTD
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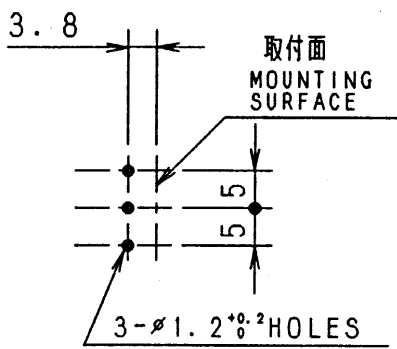
AT 150° C.W. SHAFT ROTATION FROM FULL C.C.W. POSITION VOLTAGE PERCENT SHALL FALL WITHIN THE LIMITS OF 40~60 PERCENT.

					APPD.	CHKD.	DSGD.	NAME
					Apr. 27, '93	Apr. 27, '93	Apr. 27, '93	RESISTANCE TAPER (B)
					K. Magami	K. Sasaki	T. Kumagai	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				G0445044M



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
 回しきった状態を示す
 SHAFT SHOWN IN FULL
 C. C. W. POSITION



製品重量: 9.2g
 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°

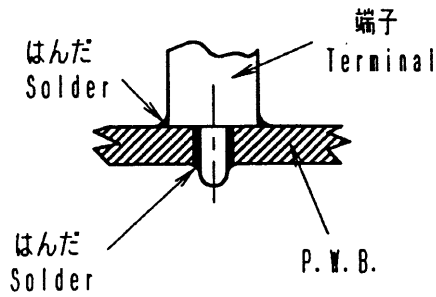
PART NO.	NAME	MATERIAL NAME / CODE	FINISH
ALPS ELECTRIC CO., LTD.			
		DSGD. 設計 1 番 Y. Saitoh 93-03-05	SCALE G0445044M
		CHKD. M. Satoh 93-03-05	TITLE FIGURE 16形単運ポリウム組立図
		APPD. S. Aizawa 93-03-05	UNIT DOCUMENT NO. III III スーパー単運
SYMB	DATE	APPD	CHKD

< はんだ付け時のご注意事項 >

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



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					Apr. 14. '93	Apr. 14. '93	Apr. 14. '93	G0445044M
					S. Aizawa	M. Satoh	Y. Saitoh	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				