

Customer: AEE-DS

No. KK-97-7841

Date: Feb. 25, 1997

Attention:

Your ref. No:

Your Part. No:

SPECIFICATIONS

ALPS:

MODEL RK2711210
(10k MN)

Spec. No.:

Sample No. : G15564860

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 Y. Saito

APP'D Y. Ohya

ENG. DEPT. DIVISION

Sales

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RK2711210 POTENTIOMETERS.

2. CONTENTS OF THIS SPECIFICATIONS.

4K272A0462, 4K-1
K272A004D

3. MARKING

· MARKING ON ALL UNITS
DATE CODE, RESIST. VALUE, TAPER

4. REMARKS

· FURNISH PACKAGE
NUT: 1, WASHER: 1

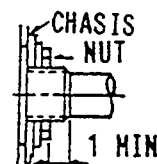
CLASS.NO.	TITLE
	S P E C I F I C A T I O N S

Electrical specifications

- 1.Total resistance : $10k\Omega \pm 20\%$
- 2.Rated voltage : 30V A.C. This potentiometer is designed for A.C.
- 3.Resistance taper : See (HSM01) -voltage only.
- 4.Residual resistance between terminals : 1 & 2 ; 20Ω max.
2 & 3 ; 20Ω max.
- 5.Sliding noise : Less than 47mV. (Measured by JIS C 6443.)
(Neglected a impulsive noise at the C.W. and C.C.W.
ends of position.)
- 6.Insulation resistance : More than $100M\Omega$ at 500V D.C.
- 7.Dielectric strength :
Units shall be designed to withstand 500V A.C. 50Hz R.M.S.
between resistance element and case for a period of one
minute without damage or arcing.
- 8.Gang error : Not specified.

Mechanical specifications

- 1.Total rotational angle : $300^\circ \pm 3^\circ$
- 2.Rotational torque : 80~350 gf·cm (Rotational speed at $60^\circ/\text{sec.}$, at 20°C)
- 3.Stopper strength : 9 kgf·cm min.
- 4.Resistance to soldering heat :
After soldering (less than 350°C and within 5 seconds)
there shall be no evidence of poor contact between
resistance element and terminals, or any physical
damage as a result of the test.
- 5.Bushing nut tightening strength
Tightening torque to be no greater than 15 kgf·cm.
*Pay attention otherwise the strength may not be assured.
- 6.Push / pull strength :
No damages with an application of push or pull force
10 kgf for 10 sec.



Endurance specifications

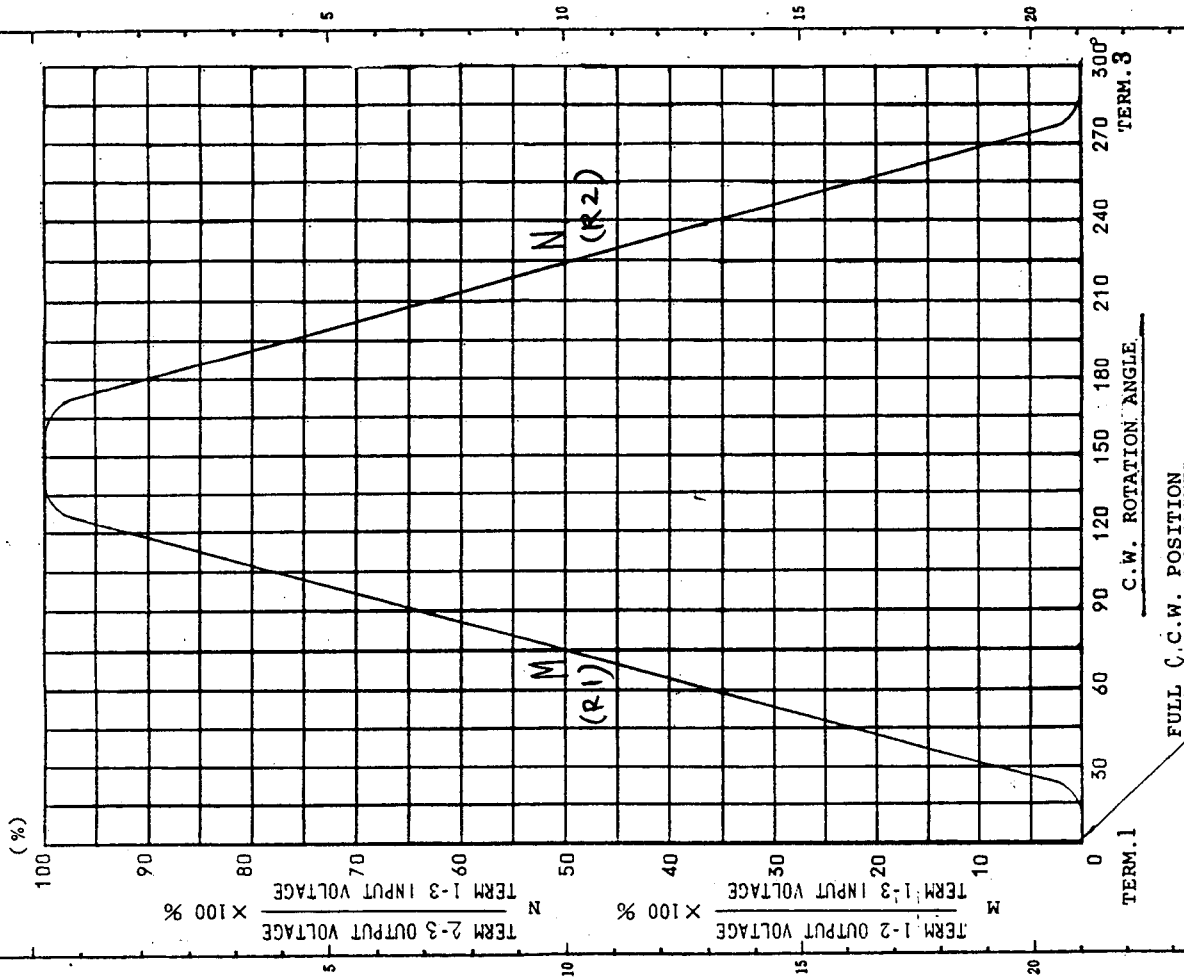
- 1.Rotational life : 15,000 cycles min.

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.	CHKD.	DSGD.	TITLE:
				Feb 26 '97		Feb 25 '97	
				Y. Ohya		Y. Saitoh	
SYMB	DATE	APPD	CHKD	DSGD	DOCUMENT NO.		
					4K272A0462		

OR



M: At 150° C.W. shaft rotation from full C.C.W. position voltage percent shall fall within the limits of 40 ~ 60 percent.
N: At 150° C.C.W. shaft rotation from full C.W. position voltage percent shall fall within the limits of 40 ~ 60 percent.

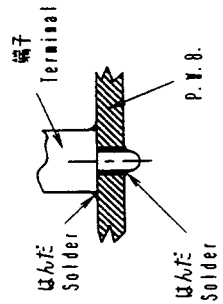
SYMB	DATE	APPD	CHKD	DSGD	NAME	RESISTANCE TAPER
Change 10-24-83	10-24-83	10-24-83	10-24-83	10-24-83	J. Kashi	H S M O

< 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。

Cautlion for soldering

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



ALPS ELECTRIC CO., LTD.

SYMB	DATE	APPD	CHKD	DSGD	NAME	RESISTANCE TAPER
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TOLERANCE ± 0.1

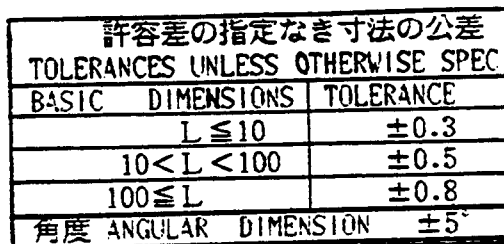
VIEWED FROM MOUNTING SIDE

取付穴寸法図

許容差±0.1

6 - $\phi 1.2^{+0.2}_0$ HOLES

取付面 MOUNTING SURFACE



(A 4・図面用紙) W0301-B A 4 61.11. 10:00 S