

Customer: ALPS EUROPE DISTRIBUTION

No. KK-2007-2700

Date: Jan. 30, 2007

Attention:

Your ref. No.:

Your Part No.: RK27112MC01L

SPECIFICATIONS

ALPS';

MODEL: RK27112MC01L
(100kBX2)

Spec. No.:

Sample No.: F 3 7 3 8 0 5 8 M

RECEIPT STATUS

RECEIVED

By Date

Signature

Name

Title

ALPS
ALPS ELECTRIC CO., LTD.

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DSG'D

Y. Ohya

APP'D

S. Ikenoue

ENG. DEPT. DIVISION

Sales

B6523

01003#03A (EA)

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RK27112MC01L POTENTIOMETER.

2. CONTENTS OF THIS SPECIFICATIONS.

5K272AMS-5

K272AMC02C

4K16M-1

4K-1

3. MARKING

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

4. REMARKS

- FURNISH PACKAGE
NUT:1 WASHER:1

• NOTES

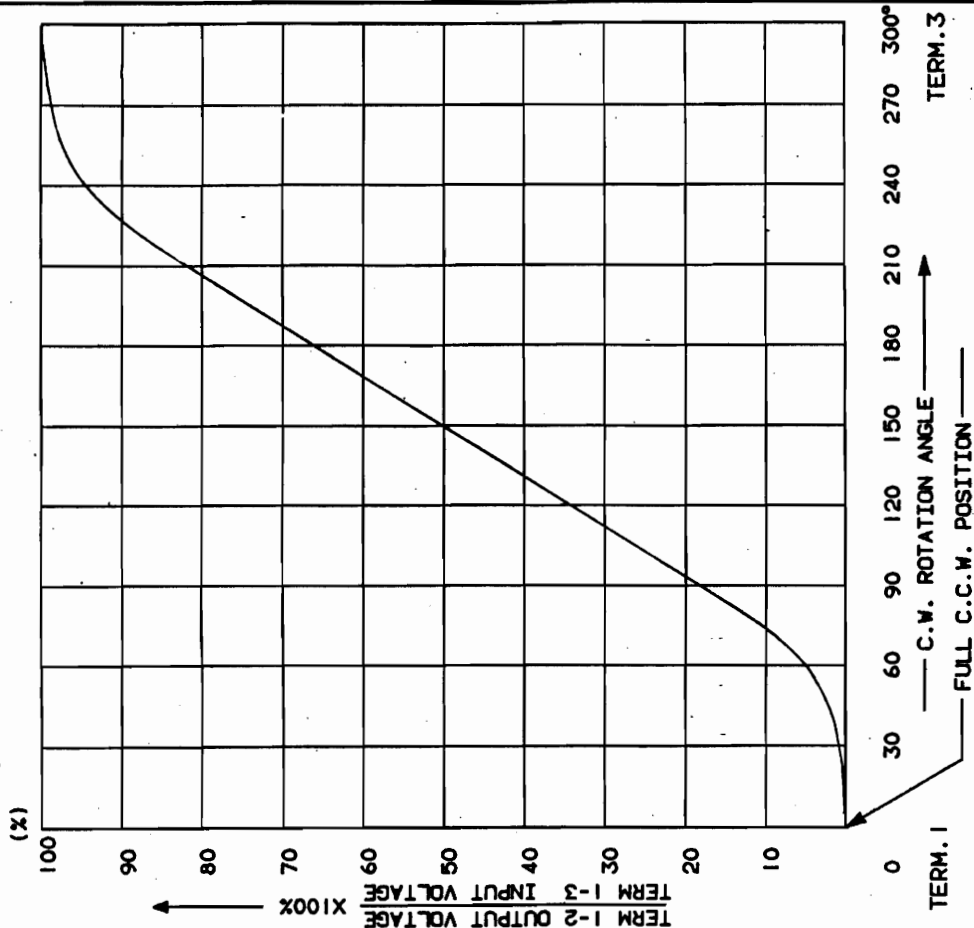
- Silver printed patterns are coated with carbon as a protection against sulphuration.
- Marking $\Rightarrow$ in specifications shows standard and condition for application.

• CAUTION

Regardless of the suggested applications of these products being introduced in the specifications, when using them for equipment and devices requiring a high degree of safety, respective manufacturers will please preserve safety of the planned equipment and devices by providing necessary protective circuits and redundancy circuits and reconfirm if safety is being duly preserved.

Products being introduced in the specifications have been designed and manufactured for applications to ordinary electronic equipment and devices such as the AV equipment, electric home appliances, office machines and communications equipment. Consequently, when employing these products for applications requiring a high degree of safety and reliability such as the medical equipment, aviation and aircraft equipment, space equipment and burglar alarm equipment, the using manufacturers will please thoroughly study the proprieties of these products for the planned applications.

Although we are exerting our best efforts to maintain the quality of these products, we cannot guarantee that they will never cause short circuiting and open circuitry. Therefore, when designing an equipment or device with which the priority is given to the safety, you will please carefully study the influences to the whole equipment of a single function failure of Potentiometers and Encoders in advance to make out a fail-safe design providing.



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

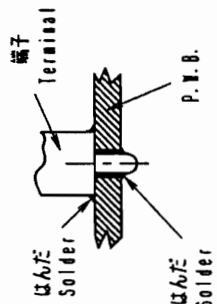
SYMB	DATE	APPRO	CHKD	DSGO	SCALE	TITLE	DOCUMENT NO.
81-01-21	8.5	T.K	M.S	APPRO	RESISTANCE TAPER	H S B 02	
81-01-21	8.5	T.K	M.S	APPRO	RESISTANCE TAPER	H S B 02	

< 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



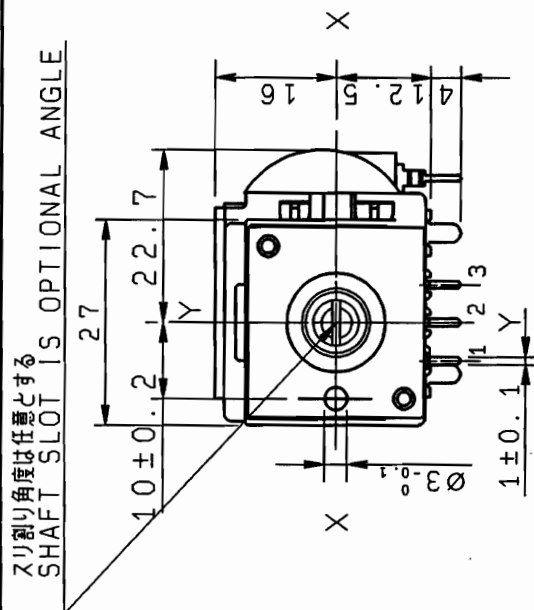
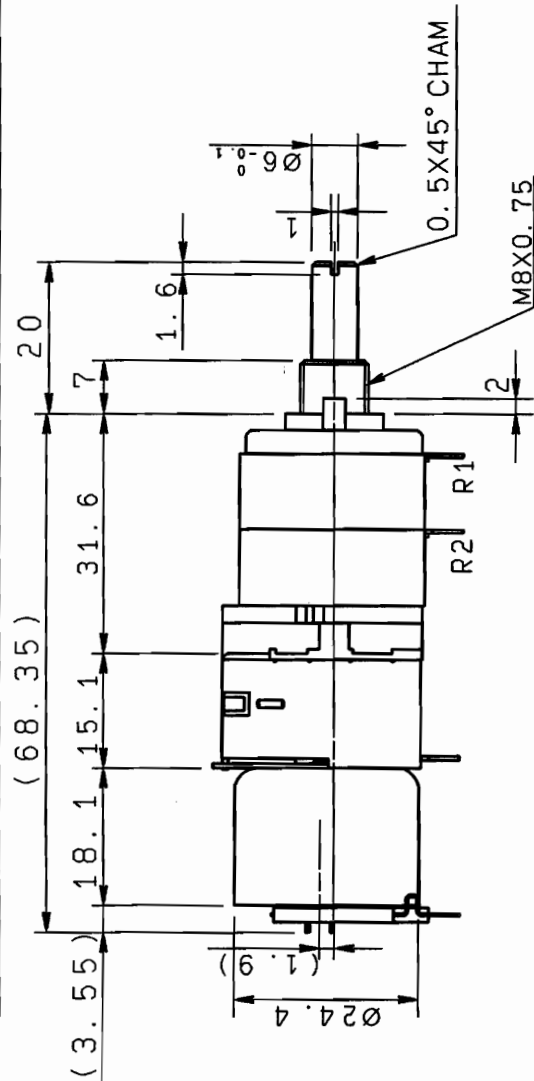
ALPS ELECTRIC CO., LTD.

SYMB	DATE	APPRO	CHKD	DSGO	TITLE	DOCUMENT NO.
81-01-21	8.5	T.K	M.S	APPRO	RESISTANCE TAPER	4K-1
81-01-21	8.5	T.K	M.S	APPRO	RESISTANCE TAPER	4K-1

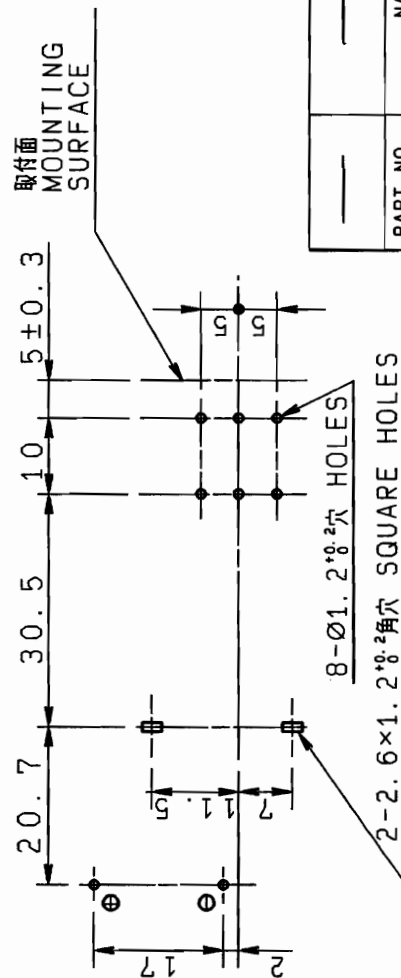
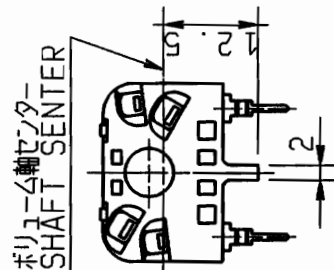
CLASS.NO.	TITLE	SPECIFICATIONS
Note		1.The standard test shall be subject to a temperature from 5 °C to 35 °C and relative humidity from 45% to 85%. Test shall be done under environmental requirements of a temperature of 20' ± 2 °C and relative humidity of 65 ± 5% if a decision is in question. 2.Notice on motor 1)Motor terminals shall not be bent more than twice. 2)Soldering to the motor terminals shall be within a few second, not to cause the transformation of terminal base plastics. And, avoid that the flux flows into the motor. Pay special attention to the terminals when they are wave soldered. If the flux flows into the motor, it may cause a poor contact. 3)Motor terminal should not be pressed inside the motor. It may cause a poor contact in the motor. 4)Pay attention that a piece of iron and an alien substance are not crepted into the motor. 5)In operation, temperature around the motor produce an effect on the performance and life. Pay special attention in high temperature and humidity. Storage in high temperature and humidity, and in corrosive gas, shall be avoided. 6)In case, using the adhesive agent and the seal agent etc.for fit up, make sure that there is no generation of the harmful gas for motor.(including all chemicals around the motor.) Pay special attention to cyanogen system adhesive agent and organically system silicone.

CLASS.NO.	TITLE	SPECIFICATIONS
3.Power supply		Regulated D.C. power supply shall be used. (ripple to be 1% max.)Motor terminal shall not be conected with fixed resistors in series. And supply current is to be 350mA min.
4.Knob		The material of the knob shall be insulation material. As potentiometer is not grounded, conductive material of the knob may cause a earth noise.
5.The items except above mentioned items shall meet or exceed		JIS C 6443.

APPS		ALPS ELECTRIC CO., LTD.	
APPR	CHKD	DSGD	TITLE
APPR	CHKD	DSGD	TITLE
APPR	CHKD	DSGD	TITLE
SYMB	DATE	APPR	CHKD
SYMB	DATE	APPR	CHKD
DOCUMENT NO		4K16M-1	



背面  BACK VIEW



取付穴寸法図許容差±0.1

挿入側よりみた図

押入図はつりだ図

TOLERANCE. 1

VIEWS FROM MOUNTING SIDE

指定なき部分の許容差
TOLERANCES UNLESS OTHERWISE SPEC

$L \leq 10$	± 0.3
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$10 < L < 100 \pm 0.5$	
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100	$\leq L$	± 0.8
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角度 $+5^{\circ}$

[illegible]