

Customer :

No. _____

Date : May. 21, 1991

Attention : _____

Your ref. No. : _____

Your Part No. : _____

SPECIFICATIONS

PURPOSE OF THIS DOCUMENT;

☐ PRELIMINARY copy.

☒ Request for your APPROVAL.

(☒ New, ☐ Engineering Change)

Please sign and return one copy.

APPROVED BY, Date: _____

X

Name

Title

☐ For PRODUCTION.

ALPS' ;

RK271122002PA

MODEL: (100KB×2)

Spec. No. : 4K272A0422

Fig.No. : K272A0AOG

REMARKS:

MARKING

ON ALL UNITS

DATE CODE
RESIST, VALUE
TAPER
TRADE MARK
JAPAN

FURNISH PACKAGE

NUT	
WASHER	



ALPS ELECTRIC CO., LTD.

HEAD OFFICE

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

DSG'D

T. Yamafuchi

APP'D

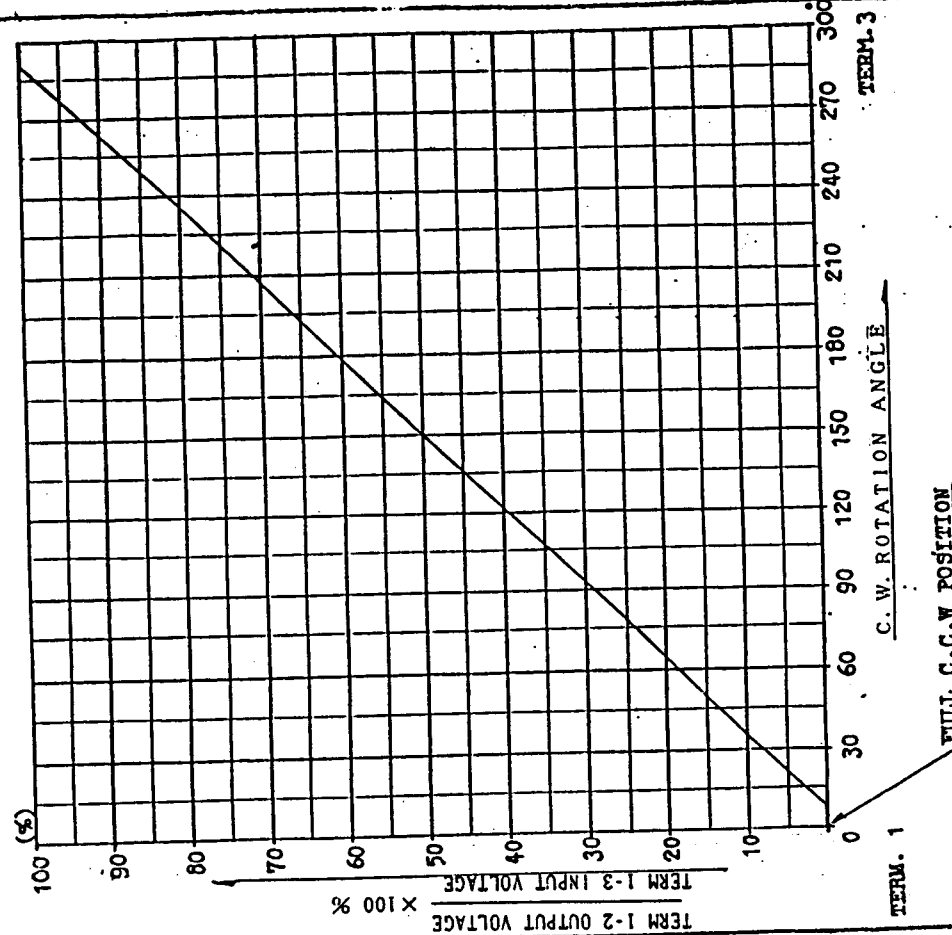
M. Sato

ENG. DEPT. WAKUYA DIVISION

CLASSNO.	TITLE	S P E C I F I C A T I O N S			
ELECTRICAL					
1.Total resistance : 100kΩ±20%					
2.Maximum operating voltage : 30 V A.C.					
3.Resistance taper : (See: HSB01)					
4.Residual resistance between terminals : 1 & 2:100Ω max. 2 & 3:100Ω max.					
5.Sliding noise : Less than 47mV.(Measured by JIS C 6443) (Except click point)					
6.Insulation resistance : More than 100MΩ at 500V D.C.					
7.Withstand voltage : 500V A.C. for one minute.					
8.Gang error : 2dB max. at Click position					
1KHZ 2V VIN PANEL SECTION 321 321 REAR SECTION 321					
MECHANICAL					
1.Total rotational angle : 300°±3°					
2.Rotational torque : 60~350 gf.cm (at 20℃) (Rotational speed 60°/sec.)					
3.Stopper strength : 9 kgf.cm min.					
4.Resistance to soldering heat : After soldering (Less than 350℃ and within 5 seconds) there shall be no evidence of poor contact between resistance element and terminals, or any physical damages as a result of the test.					
5.Bushing nut tightening strength : 15 kgf.cm min. ※ 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.					
7.Click position : 150°±3°					
8.Click torque : Rotational torque + (50~300)gf.cm					
ENDURANCE					
1.Rotational life : 15,000 cycles min.					
NOTE 1.The items except above mentioned items shall meet or exceed JIS C 6443.					
ALPS ELECTRIC CO., LTD.					
SYMB	DATE	APPD	CHKD	DSGD	TITLE
					Doc. No. 179
DOCUMENT NO. 4K272A0422					

B
TONE

TAPERED CURVE :ALPS "B"

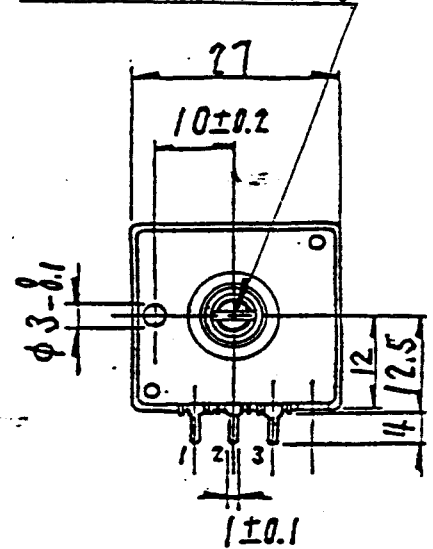
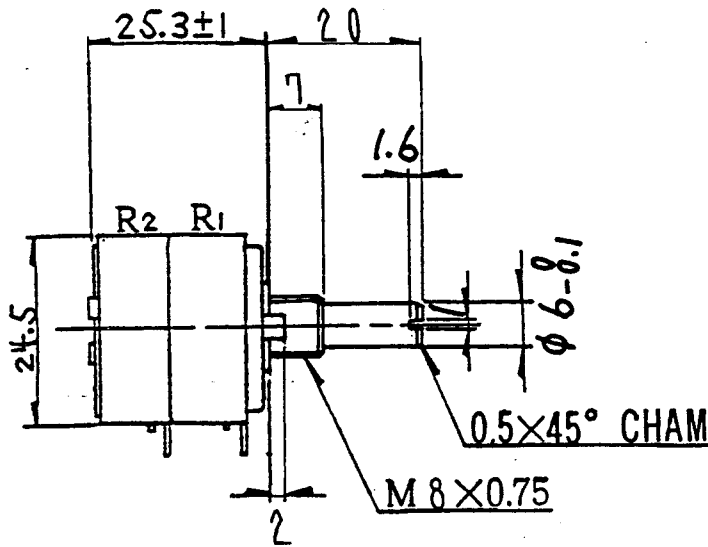


At 150° C.W. shaft rotation from full C.C.W. position. voltage
percent shall fall within limits of 40 ~ 60 percent.

SYMB	DATE	APPD	CHKD	DSGD	NAME	RESISTANCE TAPER
					SEP-13-80	DWG. NO
					Y. S. S. S.	HSB01

SHAFT SLOT IS OPTIONAL ANGLE

スリ割角度は任意とする。



P.W.B. MOUNTING DETAIL

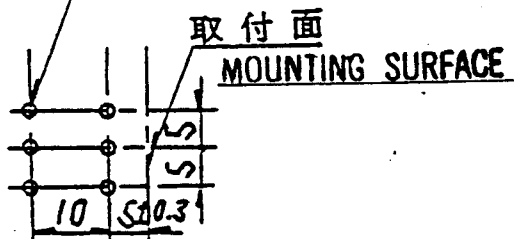
TOLERANCE ± 0.1

VIED FROM MOUNTING SIDE

取付穴寸法図

許容差 ± 0.1 (挿入側より)

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



許容差の指定なき寸法の公差

TOLERANCES UNLESS OTHERWISE SPEC

BASIC DIMENSIONS TOLERANCE

$L \leq 10$ ± 0.3

$10 < L < 100$ ± 0.5

$100 \leq L$ ± 0.8

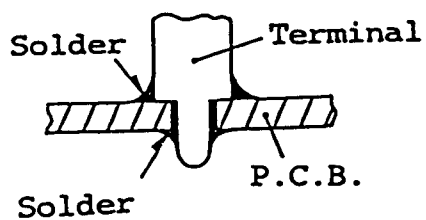
角度 ANGULAR DIMENSION $\pm 5^\circ$

										300 $\pm 3^\circ$
部	番	名	称	材	料	規	格	処	理	23.29
				三角法	単位 mm	尺度	150° CLICK			
				承認	照査	設計	図名			
				承認	照査	設計	1軸2連 小型 ティテントVR組立図			
				承認	照査	設計	図番			
				承認	照査	設計	K272A0A0G			
記号	年月日	承認	照査	設計	承認	照査	設計			

CLASS.NO.	TITLE
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Caution for soldering

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



					 ALPS ELECTRIC CO., LTD.			
	..				APPD.	CHKD.	DSGD.	TITLE
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