

Customer : AEE-DS

No. F3692422M

401514

Date : Nov. 03, 1994

Attention :

Your ref. No :

Your Part. No : Albs-Alltronic

SPECIFICATIONS

Entwicklung - Herstellung - Vertrieb

www.albs.de

albs
ALLTRONIC

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Autorisierter
Bauelemente
Distributor von

ALPS®

ALPS :

MODEL RS6011266
(10KA X 2)

Spec. No. :

Sample No. : F3692422M

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

Id. Fujita

APP'D

Id. Ito

ENG. DEPT. DIVISION

Sales

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RS6011266 POTENTIOMETERS.

2. CONTENTS OF THIS SPECIFICATIONS.

4S6028-411M
4S0008-45M
4S0001-200M, 4S0001-201M
S6028P623A

3. MARKING

• MARKING ON ALL UNITS
DATE CODE, RESIST. VALUE, TAPER, TRADE MARK, JAPAN

4. REMARKS

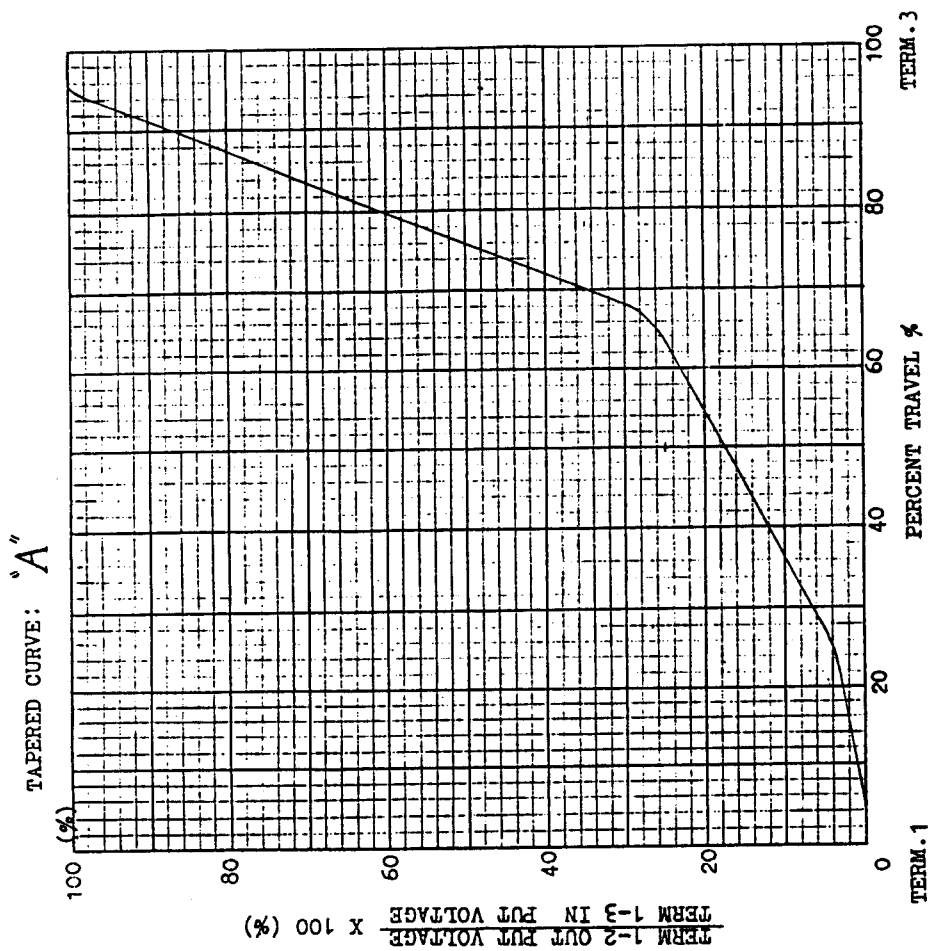
• NOTES

• Marking $\Rightarrow$ in specifications shows standard and condition for application.

CLASS NO.	TITLE	STANDARD TYPE POTENTIOMETER (SLIDE,						
ELECTRICAL								
1. Overall resistance :								
Overall resistance tolerances : $\pm 20\%$								
5	10	20	50	100	200	250	500	1,000
Unit : K Ω								
2. Minimum resistance :			Unit : Ω					
Overall resistance (K Ω)			5,10	20,50	100	200,	500	1000
Across term.1-2			30	50	100	200	300	500
Across term.2-3			50	70	120	220	320	500
3. Taper : "A" (SAS16)								
4. Rated power : 0.1 Watts.								
5. Rated voltage : Rated voltage = $\sqrt{P \cdot R}$ (V)								
P : rated power (W)								
R : nominal overall resistance (Ω)								
When the rated voltage exceeds the maximum operating voltage the maximum operating voltage shall be the rated voltage.								
Maximum operating voltage : A.C.150 V , D.C. 10 V								
6. Dielectric test : Units shall be designed to withstand 300 volts A.C. 50 Hz R.M.S. between resistance elements and case for a period of one minute without damage or arcing.								
7. Insulation resistance : Greater than 100 megohms between resistance elements and case when tested by a 250 volts D.C. insulation resistance meter.								
8. Tracking error : 3 dB from -40 to 0 dB								
9. Sliding lifetest : 15,000 cycles								
* Lever shall be operable with speed of 20 mm per sec.without noise by static electricity.								

SYMB		DATE	APPD	CHKD	DSGD	ALPS ELECTRIC CO., LTD.	
..		..	..	..	..	TITLE	
..		..	..	..	..	SPECIFICATIONS	
..		..	..	..	..	DOCUMENT NO.	
..		..	..	..	..	4S6028 - 411 M	

USED ON	NAME	RESISTANCE TAPER
45,60 mm TRAVEL TYPE	ALPS ELECTRIC CO., LTD.	TITLE
1-7 YUKIGAYA OTSUKA-CHO	OTA-KU TOKYO JAPAN	SPECIFICATIONS



NOTES: PERCENT VOLTAGE CHECK POINT

50% TRAVEL FROM TERM.1

TOLERANCE

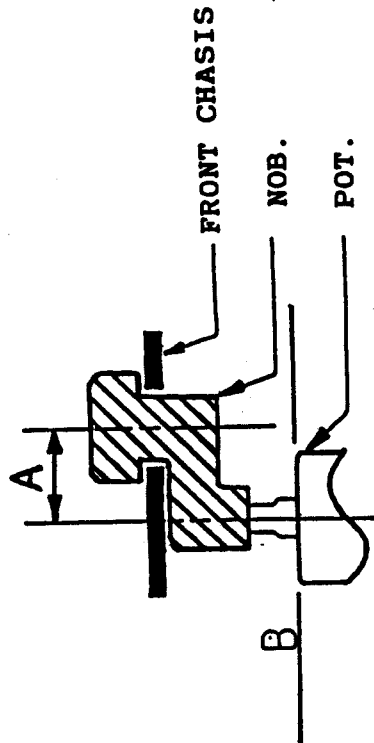
10-25%

SYMB	DATE	APPD	CHKD	DSGD	APPD	CHKD	DSGD	NAME	RESISTANCE TAPER
..	..	..	..	..	..	..	..	Aug 28 81	DWG.NO. SAS16

PRECAUTION IN USE

1.If it will be used the operating point away from the center line of the lever, it should be shorter as possible.

2.About the length of lever
If conditions permit, it is advisable to use the shortest possible lever.The longer the length up to operating point, the more unfavorable slide feeling will be given.



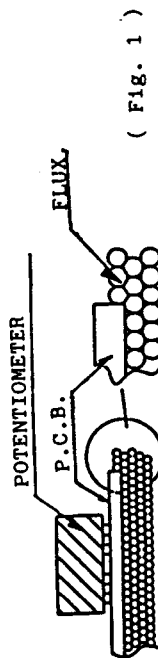
3.Regarding the operation of the lever,please consider the above mentioned,and make sure nothing is wrong with the operation under installing in your appliance that you plan to use our products actually.

ALPS ELECTRIC CO., LTD.

APPD.	CHKD.	DSGD.	TITLE
Aug. 10 '91	Aug. 9 '91	Aug. 9 '91	SLIDE POTENTIOMETER
STA. DATE APPR. CHECK. DESG.			DOCUMENT NO.
11/10/1991			4S0001-200M

FOLLOW THE NEXT CONDITIONS FOR SOLDERING

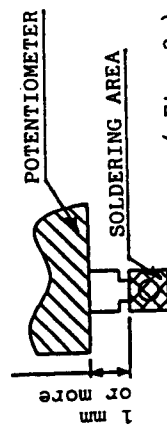
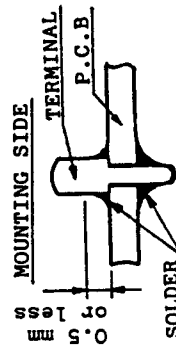
1. Solder
63 % Sn solder specified in JIS Z3282.
2. Board in Use
Double-faces through-hole board or
Single-face copper laid laminate board.
Plate thickness (t) = 1.6 mm
3. In the Case of Dip Soldering
(1) State of potentiometer
Position a lever in the vicinity of center.
(2) Specific Gravity of Flux
0.83±0.01 (foaming type)
(3) Height of Flux face
A level of the upper face of flux for reaching the position
at a half of the plate thickness of printed board. (Fig.1)
Further, no flow of flux invading on the surface of printed
board on the side of installing potentiometer is allowed.



- (4) Preheat Condition
100°C MAX., within 1 minute
(Temperature on the side of installing printed board is designated.)
- (5) Soldering Condition
Solder temperature: 260°C MAX.
Soldering period : within 5 seconds
Time of soldering : only one time is permitted
4. In the Case of Manual Soldering
Solder temperature : 300°C MAX.
Soldering period : within 3 seconds
Time of soldering : only one time is permitted

5. Matters to Be Noted

- 1) Do not add any stress on terminals in the case of soldering. For instance, forced movement of potentiometer with terminals being heated may probably deteriorate the electric features due to generation of looseness in connection between resistant board and terminals.
- 2) Avoid use of double-faces through-hole board as much as possible. If it is necessary to use it. Do not apply through-hole plating to a hole in which a potentiometer is inserted, and install a land to which terminals are soldered only on a face opposite to the face on the side of installing potentiometer.
- 3) Use caution to soldering process so as to prevent solder from rising up to the surface of printed board on the side of installing potentiometer, because defective contact may take place in terminal connecting part due to soldering heat (Fig. 2)
- 4) In the case of lead wiring, solder it so that a gap of 1 mm or more may be reserved between the potentiometer body and soldering part. (Fig. 3)



- (5) The grade of influence of soldering exerted on the potentiometer depends upon the size of a printed board, installing position of the potentiometer, and the size of a solder bath etc. Therefore, make sure, in advance, of no abnormal state under the conditions of soldering to be carried out at present.

Sym.	Date	Appd.	Chkd.	Dsgd.
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ALPS ELECTRIC CO., LTD.

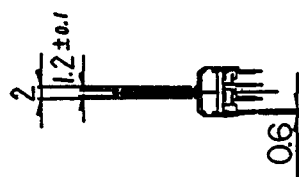
	TITLE	
	SLIDE POTENTIOMETER	
	DOCUMENT NO.	
		4S0001 -

1. MOUNTING SCREW THREAD LENGTH IS CHASSIS
THICKNESS + 2 圈 MAX.

取付用ネジの葎下長さは、シャ-シ板厚 + 2 mm 以下とする。

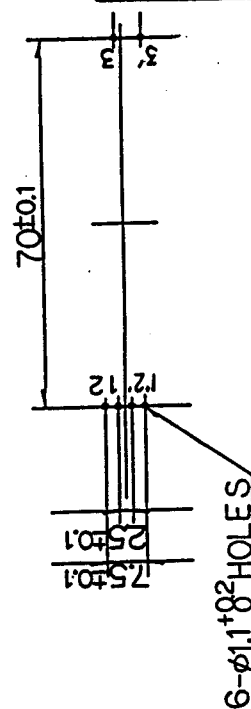
2. TOP SIDE OF KNOB SHALL BE MOUNTED TO LEVER WITHIN 30 IN. LENGTH FROM LEVER MTG. SURFACE.

取付面からツマミ先端まで 30 mm 以内でご利用願います。



L	NO CLICK クリックなし	PN 登録	WITH CENTER CLICK センタークリック付き	PN 登録
25	S6028P686A	70-3-12	S6028P687A	..
20	S6028P654A	87-1-26	S6028P688A	..
15	S6028P623A	86-3-28	S6028P689A	..

MOUNTING HOLE DETAIL 取付穴寸法図



許容量の指定方法の分類	
TOLERANCES UNLESS OTHERWISE SPEC	
BASIC DIMENSIONS	TOLERANCE
$L \leq 10$	± 0.3
$10 < L \leq 100$	± 0.5
$100 \leq L$	± 0.8
ANGULAR DIMENSION	$\pm 5'$

ALPS ELECTRIC CO., LTD.

FIGURE: SLIDE POTENTIOMETER
60mm DUAL UNIT

国立防務・エネルギー・環境省

DOCUMENT NO.

DOCUMENT NO. C-7114