

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

Zentrale

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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

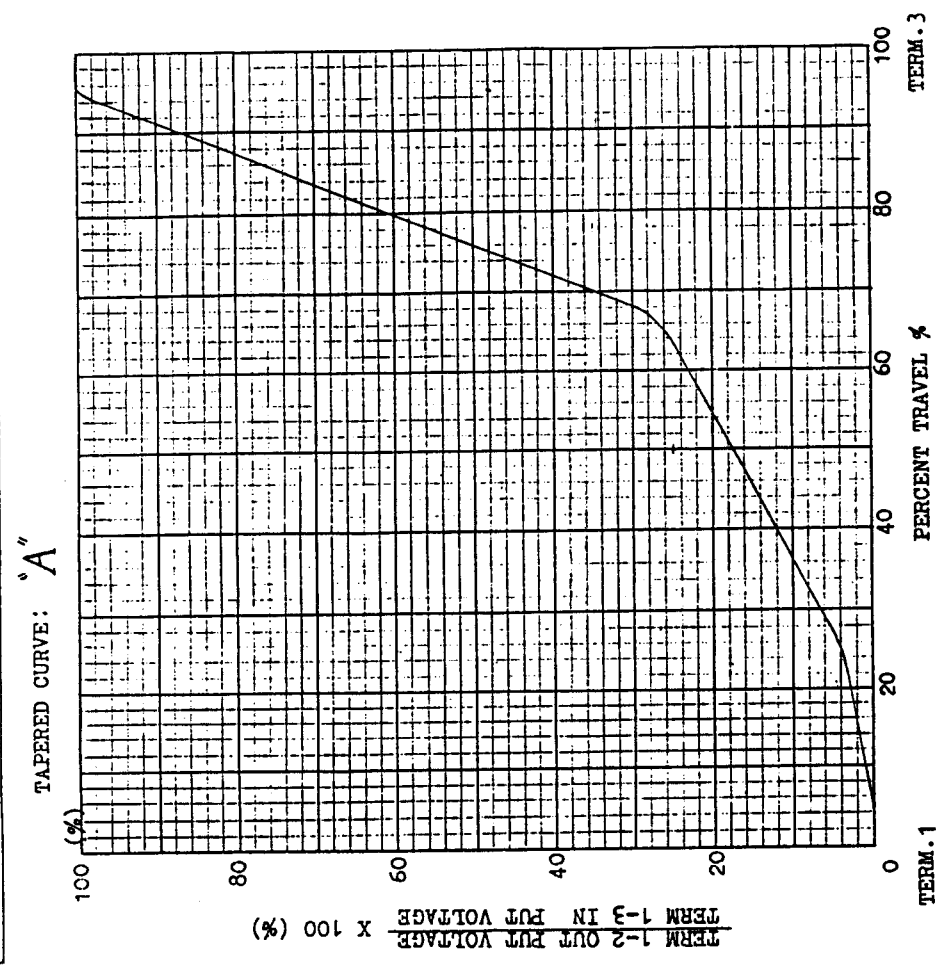
• NOTES

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

CLASS NO.	TITLE	STANDARD TYPE POTENTIOMETER (SLIDE,																					
ELECTRICAL																							
1. Overall resistance : Overall resistance tolerances : $\pm 20\%$ Unit : K Ω <table><tr><td>5</td><td>10</td><td>20</td><td>50</td><td>100</td><td>200</td><td>250</td><td>500</td><td>1,000</td></tr></table>			5	10	20	50	100	200	250	500	1,000												
5	10	20	50	100	200	250	500	1,000															
2. Minimum resistance : Unit : Ω <table><tr><td>Overall resistance (KΩ)</td><td>5,10</td><td>20,50</td><td>100</td><td>200,</td><td>500</td><td>1000</td></tr><tr><td>Across term.1-2</td><td>30</td><td>50</td><td>100</td><td>200</td><td>300</td><td>500</td></tr><tr><td>Across term.2-3</td><td>50</td><td>70</td><td>120</td><td>220</td><td>320</td><td>500</td></tr></table>			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
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.																							

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

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



NOTES: PERCENT VOLTAGE CHECK POINT

50% TRAVEL FROM TERM.1

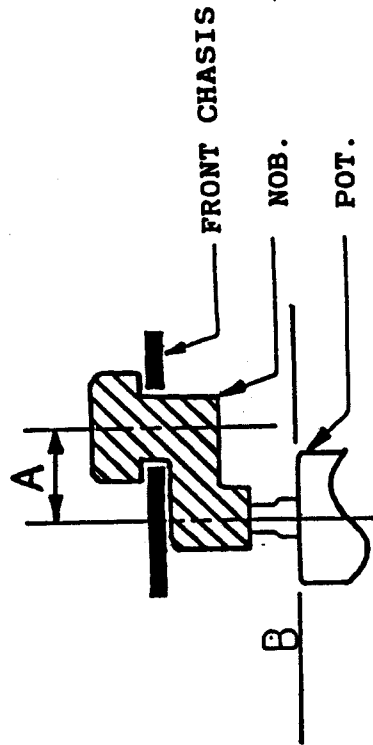
TOLERANCE

10-25%

SYMB	DATE	APPD	CHKD	DSGD	NAME
					RESISTANCE TAPER
					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.



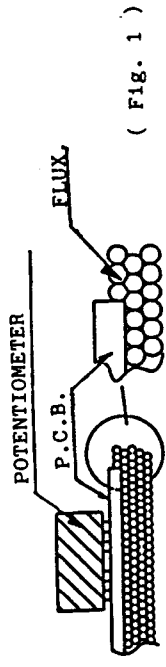
- 3.Regarding the operation of the lever,please consider the above mentioned,and make sure nothing is wrong with the operation under installing in your appliance that you plan to use our products actually.

ALPS ELECTRIC CO., LTD.

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

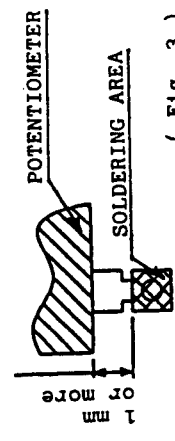
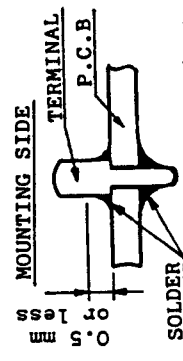
FOLLOW THE NEXT CONDITIONS FOR SOLDERING

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.



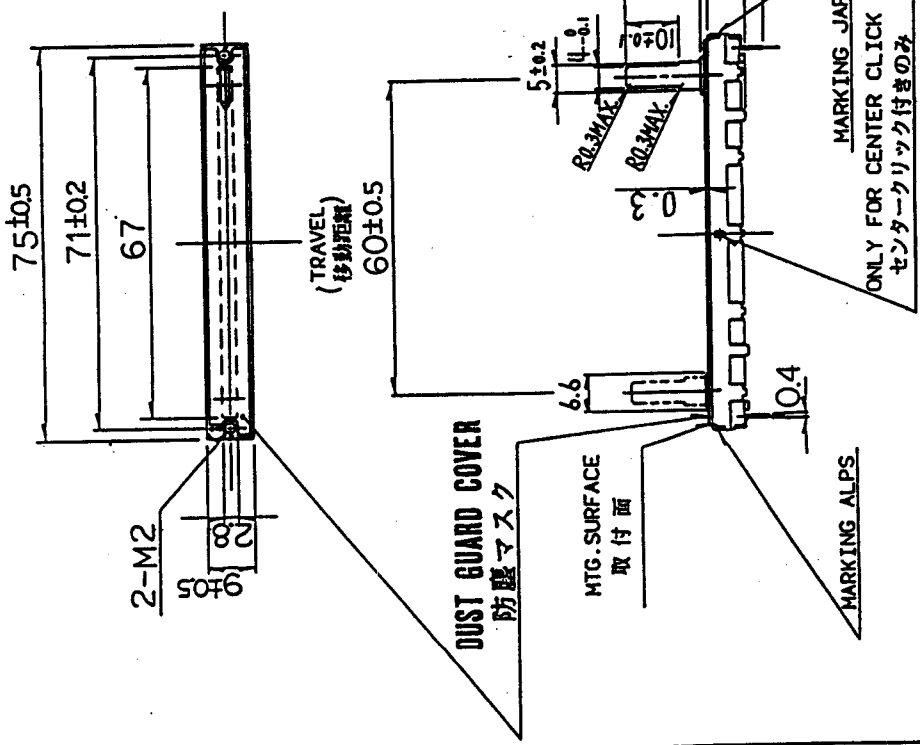
- (4) Preheat Condition
100°C MAX., within 1 minute
(Temperature on the side of installing printed board is designated.)
- (5) Soldering Condition
Solder temperature; 260°C MAX.
Soldering period ; within 5 seconds
Time of soldering ; only one time is permitted
4. In the Case of Manual Soldering
Solder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

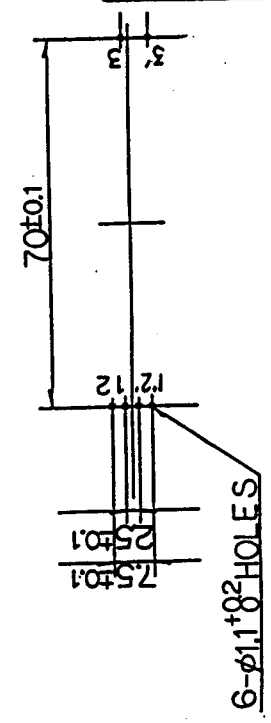


- (5) The grade of influence of soldering exerted on the potentiometer depends upon the size of a printed board, installing position of the potentiometer, and the size of a solder bath etc. Therefore, make sure, in advance, of no abnormal state under the conditions of soldering to be carried out at present.

[illegible]



MOUNTING HOLE DETAIL 取付穴寸法図
(VIEWED FROM MOUNTING SIDE) (挿入側より)



NOTES

1. MOUNTING SCREW THREAD LENGTH IS CHASSIS THICKNESS + 2 mm MAX.
取付用ネジの首下長さは、シャーシ板厚 + 2 mm 以下とする。
2. TOP SIDE OF KNOB SHALL BE MOUNTED TO LEVER WITHIN 30 mm LENGTH FROM LEVER MTG. SURFACE.
取付面からツマミ先端まで 30 mm 以内でご使用願います。

L	NO CLICK クリックなし	P.N. 登録	WITH CENTER CLICK センタークリック付き	P.N. 登録
25	S6028P686A	70.3.12	S6028P687A	..
20	S6028P654A	87.11.26	S6028P688A	..
15	S6028P623A	88.3.28	S6028P689A	..

許容差の指定なし寸法の公称	
TOLERANCES UNLESS OTHERWISE SPEC	
BASIC DIMENSIONS	TOLERANCE
L ≤ 10	± 0.3
10 < L < 100	± 0.5
100 ≤ L	± 0.8
ANGULAR	DIMENSION 角度 ± 5°

ALPS ELECTRIC CO., LTD.		FIGURE: SLIDE POTENTIOMETER	
UNIT	mm	60mm	DUAL UNIT
CHKD.	May 1989	60形2速スライドポリウム組立図	
APPD.	May 1989	DOCUMENT NO.	
DATE	May 1989	S6028-6311	