Customer: ALPS ELECTRIC EUROPA GmbH	No. F3861011M
	Date: Nov. 11, 1994
Attention:	
Your ref. No:	
Your Part. No: STRK09K02	

SPECIFICATIONS

STÜCK ANGEBOTSMUSTER BEIGEFÜGT PIECES QUOTATION SAMPLE(S) ATTACHED

ALPS';

RK09K1110 (50k B) Spec. No. :

Sample No.: F3861011M

RECEIPT STATUS
RECEIVED
By. Date
Signature
Name
Title

ALPS ELECTRIC CO., LTD.

HEAD OFFICE 1-7, YUKIGAYA-OHTSUKA-CHO, OHTA-KU, TOKYO 145 JAPAN APP D In Salah
ENG. DEPT. DIVISION
Sales

SPECIFICATIONS

1. THIS SPECIFICATIONS APPLY TO RK09K1110

POTENTIOMETERS.

2. CONTENTS OF THIS SPECIFICATIONS.

F3861011M K091B0Z02

- 3. MARKING
 - ·MARKING ON ALL UNITS
 DATE CODE, RESIST. VALUE, TAPER
- 4. REMARKS
 - NOTES

·METHOD OF MARKING
TO BE STAMPED WITH BLACK INK OR LASER MARKING
·This unit uses polycarbonate. To be careful for using this unit in such violent gas atmospheric condition as ammonia, amine, alkaline aqueous solution, aromatic hydrocarbon, keton, ester, alkyl hydrocarbon, etc.

SPECIFICATIONS

ELECTRICAL

1. Total resistance : 50k Ω ±20%

2. Rated power : 0.05 W

3. Rated voltage

The rated voltage shall be the voltage of D.C. or A.C. (commercial frequency, effective value) corresponding to the rated power (dissipation), and be obtained from the following formula. When the obtained rated voltage exceeds the maximum working voltage given in the following, however, the maximum working voltage of the following shall be the rated voltage.

 $E = \sqrt{P \cdot R} (V)$

Where E: Rated voltage (V)

P : Rated power(dissipation) (W)

R: Nominal total resistance (Ω)

Maximum working voltage: 50 V A.C., 20 V D.C.

4. Residual resistance between terminals

between term. 1&2. term. 2&3 : 3000 max.

5. Sliding noise

: Less than 100 mV measured by method of JIS C 6443.

6. Insulation resistance : Greater than 100 Ma measured by D. C. 250V.

7. Withstand voltage: More than 1 minute with an application of A.C. 250 V.

8. Taper : B

MECHANICAL

1. Overall rotational angle: 280° ±5°

2. Operation torque : 10~80 gf·cm

3. Shaft end stop strength : 3 Kgf·cm MIN.

4. Starting toruque

: 100 gf·cm MAX.

5. Resistance to soldering heat :

After soldering (Less than 300°C and quicker than 3 seconds) there shall be no evidence of poor contact between resistance element and terminals, or any physical damages as a result of the test.

6. Play of shaft

The resistor shall be mounted by soldering the mounting legs on the panel, and a side thrust of 250 gf·cm at the end of the shaft shall be applied, then the total play of the shaft shall not exceed 0.8 \times L / 20 mm p-p.

7. Eccentricity of shaft:

The eccentricity of the root of shaft shall not exceed 0.35mm against the center of the mounting position.

8. Robustness of shaft against end thrust :

The shaft shall withstand against end thrust of not less than 5 Kgf for 3 seconds.

9. Robustness of shaft against side thrust :

The shaft shall withstand against side thrust of not less than 4 Kgf·cm for 3 seconds on the end of the shaft at right angles to the axis of the shaft after mounting the resistor by soldering.

ENDURANCE

1. Rotational life : 5.000 cycles min.

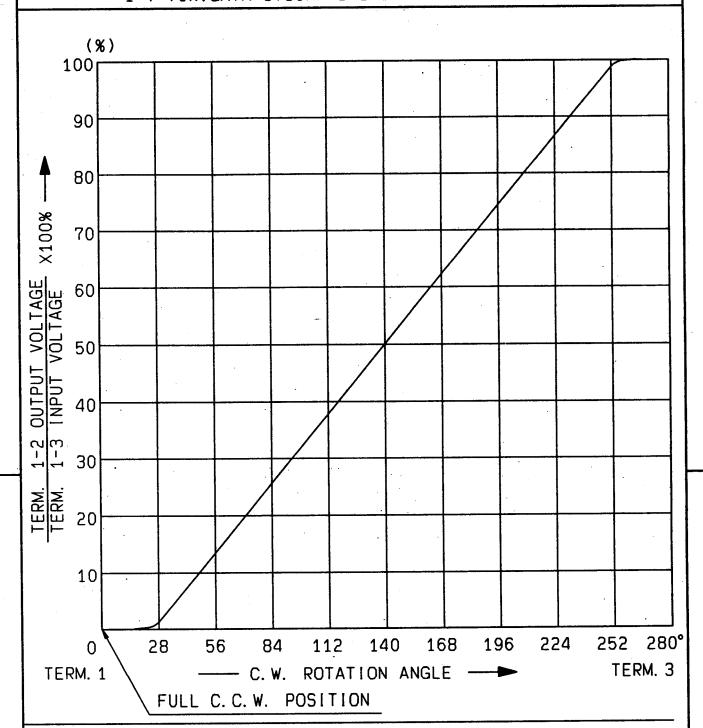
NOTE

1. The items except above mentioned items shall meet or exceed JIS C 6443.

					A	AL	PS El	LECTRIC CO., LTD.
		ļ	<u> </u>		APPD.		1	TITLE
					Jul. 13, '93		1	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD	S. Aizawa	M. Satoh	Y. Saitoh	F3861011M

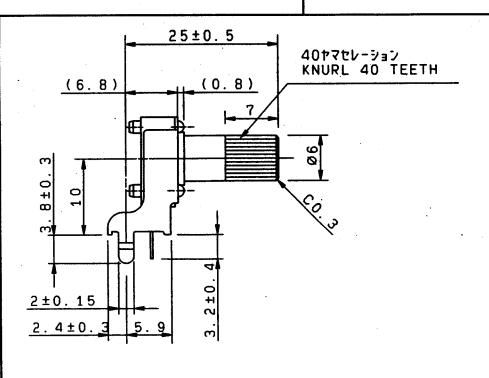


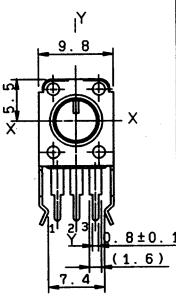
ALPS ELECTRIC CO., LTD 1-7 YUKIGAYA OTSUKA-CHO OTA-KU TOKYO JAPAN



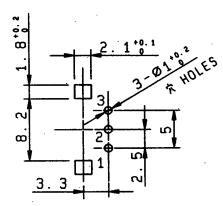
AT 140° C.W. SHAFT ROTATION FROM FULL C.C.W. POSITION VOLTAGE PERCENT SHALL FALL WITHIN THE LIMITS OF 40~60 PERCENT.

					APPD.			NAME
			 	}	Jul. 13. '93	Jul. 13. '93	Jul. 13 '93	RESISTANCE TAPER (B)
		 				(1	I COCHMENT NO
SYMB	DATE	APPD	CHKD	DSGD	K. Magami	K. Sasak i	aki, K. Suzuki	F3861011M
	 			' 		1		KX09





軸はセンター位置を示す。 SHAFT SHOWN IN CENTER POSITION.



端子取付穴寸法図(挿入側より見た図)
(許容差±0.1)

MOUNTING HOLE DETAIL
(TOLERANCE±0.1)

VIWED FROM MOUNTING SIDE

板厚 t=1.6

× X

軸は反時計方向に回し切った状態を示す。 SHAFT SHOWN IN FULL C.C.W. POSITION.

> 製品重量: 1. 9 g NET VEIGHT

指定なき部分の許容差 IOLERANCES WILESS OFFENISE SPEC L≦10 ±0.3 10 ←L←100 ±0.5 100 ≦L ±0.8 角度 ANGULAR DIMENSION

SHAFT COLOR: BLACK(B) FINISH PART NO. NAME MATERIAL NAME / CODE PS ELECTRIC CO., LTD. DSGD. 1-数数1器 93-10-01 2 : 1 F3861011M Y. Saitoh CHKD. TITLE 9形1軸単連絶緑軸VR 93-10-01 M. Satoh UNIT DOCUMENT NO. APPD. K091B0Z02 93-10-01 m m APPD CHKD DSGD S. A I Zawa SYMB DATE E01