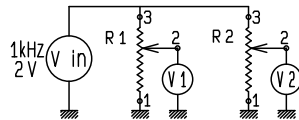


SPECIFICATIONS

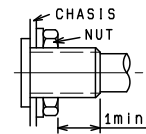
ELECTRICAL

1. Total resistance : 100k Ω (nominal) $\pm$ 20%
2. Rated voltage :
The rated voltage shall be the voltage of A.C.(commercial frequency, effective value)
Maximum working voltage : 30V A.C. (A.C. Use only)
3. Resistance taper : A
4. Maximum attenuation level on full C.C.W. position : 100dB min.
5. Insertion loss on full C.W. position : 0.1dB max.
6. Sliding noise : Less than 47mV (Measured by JIS C 6443.)
(Neglected a impulsive noise at the c.w. and c.c.w. ends of position)
7. Insuration resistance : More than 100M Ω at 500V D.C.
8. Withstand voltage : 500V A.C. for 1 minute.
9. Gang error : 3dB max. at -70dB less then -60dB
2dB max. at -60dB less then 0dB



MECHANICAL

1. Total rotational angle : 300° $\pm$ 3°
2. Rotational torque : 8~35mN·m (Rotational speed : 60°/sec)
3. Stopper strength : No damage with an application of 0.9N·m.
4. Resistance to soldering heat :
After soldering (Less than 350℃ and within 5sec), there shall be no evidence of poor contact between resistance element and terminal, or any physical damages as a result of the test.
5. Bushing nut tightening strength : Tightening torque to be no greater than 1.5N·m.
Pay attention to tighten as shown right.
Otherwise, the strength may not be assured.
6. Push / pull strength :
No damages with an application of push or pull force 100N for 10 sec.



ENDURANCE

1. Rotational life : 15,000 cycles min.

NOTE

1. The items except above mentioned items shall meet or exceed JIS C 6443.
2. This type is protected against sulfides.

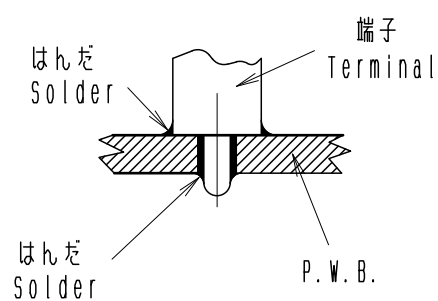
					ALPSALPINE CO.,LTD.			
					APPD.	CHKD.	DSGD.	TITLE
					Nov. 22, '96	Nov. 22, '96	Nov. 22, '96	RK27112A0A15E
					Y. Yoshioka	M. Satoh	Y. Saitoh	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				

< はんだ付け時のご注意事項 >

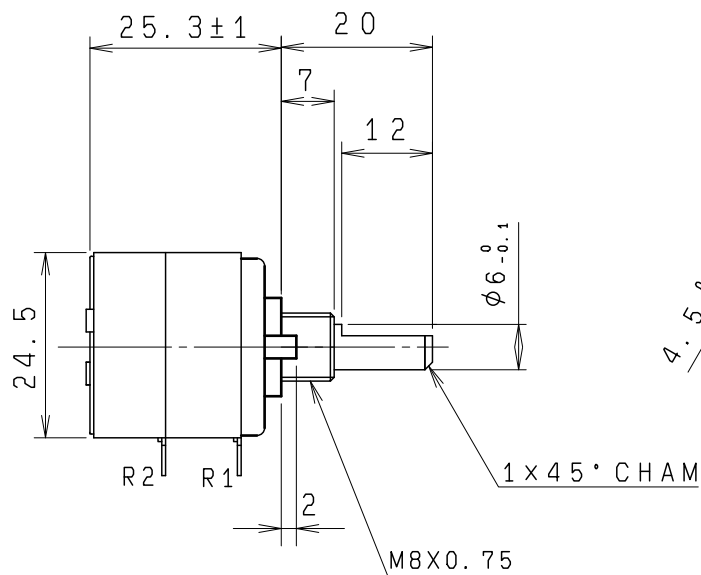
図のようにP.W.Bの上面に はんだ付けをする配線は、
お避け下さい。

Caution for soldering

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



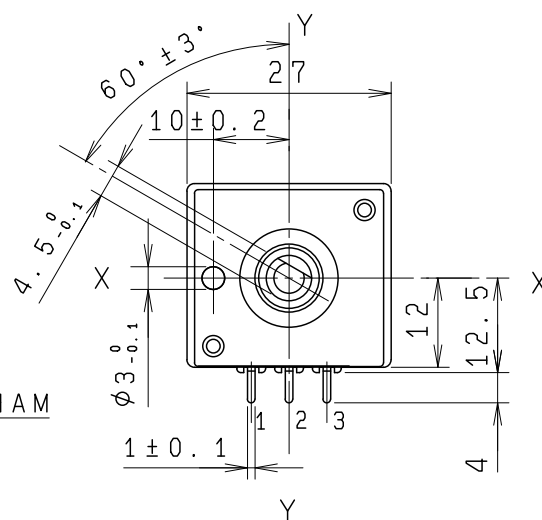
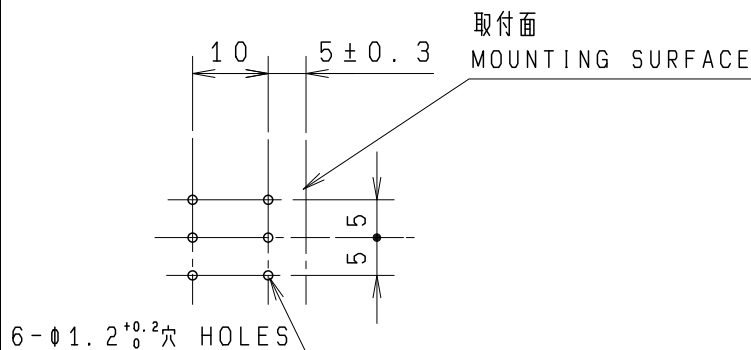
					ALPSALPINE CO.,LTD.			
					APPD.	CHKD.	DSGD.	TITLE
					<i>Apr. 14, '93</i>	<i>Apr. 14, '93</i>	<i>Apr. 14, '93</i>	RK27112A0A15E
					<i>S. Aizawa</i>	<i>M. Satoh</i>	<i>Y. Saitoh</i>	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				



取付穴寸法図 許容差 ± 0.1
(挿入側から見た図)

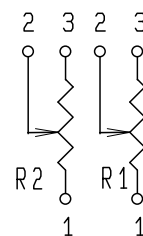
P. W. B. MOUNTING DETAIL
TOLERANCE ± 0.1

VIED FROM MOUNTING SIDE



上図は 軸を反時計方向に
回しまった状態を示す
SHAFT SHOWN IN FULL
C.C.W. POSITION

(回路図)
CIRCUIT



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

$L \leq 10$ ± 0.3

$10 < L < 100$ ± 0.5

$100 \leq L$ ± 0.8

角度
ANGULAR DIMENSION $\pm 5^\circ$

PART NO.		NAME		MATERIAL NAME / CODE			FINISH		
					ALPSALPINE CO.,LTD.				
					DSGD. セツケイ1 Y. SAITOH 96-12-10		SCALE 1 : 1	NO. RK27112A0F20	
					CHKD. Y. OHYA 96-12-10			TITLE 27形1軸2連VR組立図	
					APPD. M. SATOH 96-12-10		UNIT mm	DOCUMENT NO. K272A007E	
SYMB	DATE	APPD	CHKD	DSGD					