

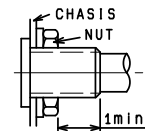
SPECIFICATIONS

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 (See taper figure)
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.

MECHANICAL

1. Total rotational angle : 300° $\pm$ 3°
2. Rotational torque : (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.
7. Detent position : 31 detents (each step 10 $\pm$ 2°)
(expt both ends of 10 $\pm$ 3°)
8. Detent torque : 25 $\pm$ 15mN·m (Rotational speed 60°/sec., at 20℃)



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.

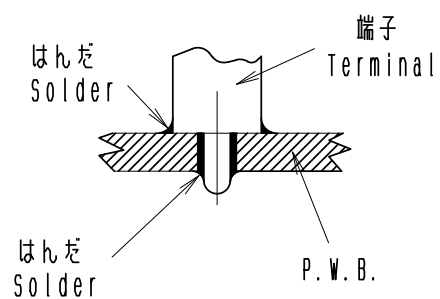
					ALPSALPINE CO.,LTD.			
					APPD.	CHKD.	DSGD.	TITLE
					<i>Nov. 22, '96</i>	<i>Nov. 22, '96</i>	<i>Nov. 22, '96</i>	
					<i>Y. Yoshioka</i>	<i>M. Satoh</i>	<i>Y. Saitoh</i>	
								DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				R K 2 7 1 1 1 2 0 0 2 6

< はんだ付け時のご注意事項 >

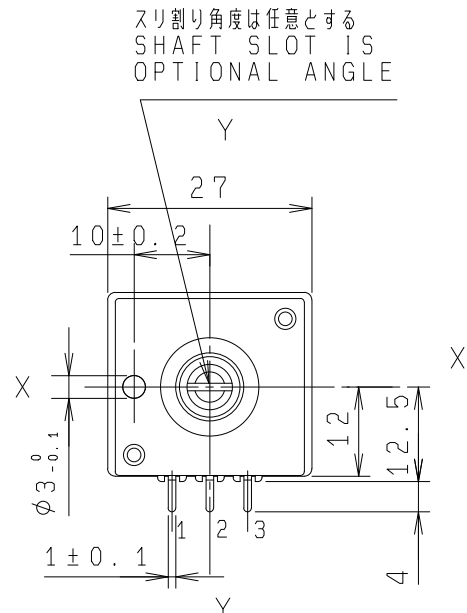
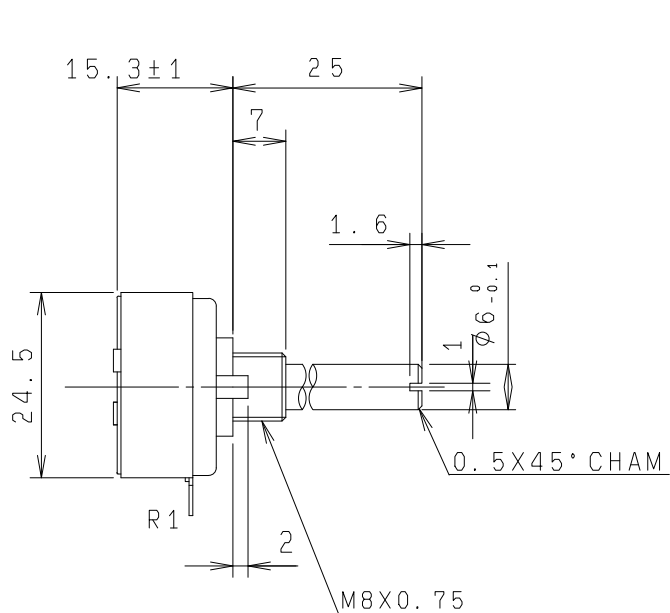
図のようにP.W.Bの上面に はんだ付けをする配線は、
お避け下さい。

Caution for soldering

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

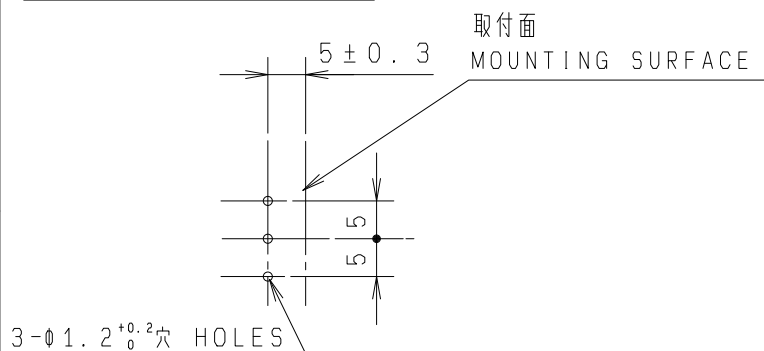


					ALPSALPINE CO.,LTD.			
					APPD.	CHKD.	DSGD.	TITLE
					<i>Apr. 14, '93</i>	<i>Apr. 14, '93</i>	<i>Apr. 14, '93</i>	
					<i>S. Aizawa</i>	<i>M. Satoh</i>	<i>Y. Saitoh</i>	DOCUMENT NO.
SYMB	DATE	APPD	CHKD	DSGD				RK2711120026

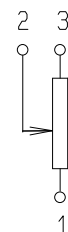


取付穴寸法図 許容差±0.1
(挿入側から見た図)

P.W.B. MOUNTING DETAIL
TOLERANCE±0.1
VIEWED FROM MOUNTING SIDE



(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	±5°

					31点 CLICK	
PART NO.	NAME		MATERIAL NAME / CODE		FINISH	
					ALPSALPINE CO., LTD.	
				DSGD. 1-セッケイ1	SCALE	NO.
				Y. SAITOH 96-12-10	1:1	WRK271112
				CHKD.		TITLE FIGURE
				Y. OHYA 96-12-10		
				APPD.	UNIT	DOCUMENT NO.
				M. SATOH 96-12-10		
SYMB	DATE	APPD	CHKD	DSGD	m m	K271AOC1F