ELECTRICAL	Single shaft(R1)							
1. Total resistance:	10 kQ± 20%							
2. Rated power:	0. 05W							
3. Rated voltage:	Please refer to the attached.							
4. Resistance taper:	Please refer to the attached.							
5. Tap position:								
6. Tap resistance between terminals:								
7. Residual resistance between terminals:	1&2,2&3 : 20Ω max.							
8. Sliding noise : (Measured by JIS C 6443)	Less than 100mV (Except click point)							
9. Insulation resistance :	More than 100 M $\Omega$ at 250V D.C.							
10. Withstand voltage:	300V A.C. for 1 minute.							
11. Gang error :								
11. daily of for								
12. switch rating:(Resistor load)								
13. Switch rating (Resistor Toad)  13. Switch contact resistance:								
14. Circuit:								
MECHANICAL								
1. Total rotational angle :	300°±5°							
2. Rotational torque: (Rotational speed 60°/sec.)	2 ~ 2 5 m N · m.							
3. Stopper strength :	No damage with an application of O.E.N. m. min							
4. Resistance to soldering heat :	Please refer to the attached.							
5. Bushing nut tightening strength :	Tightening torque to be no greater than 1N·m.  *Pay attention otherwise the strength may not be assured.							
6. Push / pull strength :	No demagns with an application of Duch or pull force 400N for 40 and							
7. Shaft wobble :(Apply the moment of 50mN·m	0.5 XL/30mm p-p max. (L:Shaft length)							
at the point of 30mm from monting surface)	(If the shaft length is less than 30mm, the value shall be calculated proportionally.)							
8. Operation force of shaft:								
9. Click position :	150°±5°							
10. Click torque:	Rotational torque + (3-20)mN⋅m							
11. Rotation play at the click position:	5°max.							
12. Contact arrangement :								
13. Switching angle :								
14. Switch operation torque :								
ENDURANCE								
1. Rotational life :	More than 15,000 cycles.							
1.10000101101	more what are dyorod.							
NOTES  1. The items except above mentioned items 2. This type is protected against sulfides 3. Operating temperature renge: -20°C to 4. Storage temperature renge: -40°C to	shall meet or exceed JIS C 6443. +70°C +85°C							
<u></u>	TITLE APPD. CHKD. DSGD. NO.							
ALPSALPINE CO.,LTD.	TITLE APPD. CHKD. DSGD. NO.  SPECIFICATIONS SYMB. DATE APPDICHED DSGD. #AV. 05, '94 May. 05, '94 May. 05, '94 T. Yamaquti RKO9711AOB14E7							

Rated voltage:

The rated voltage shall be the voltage of (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  $(\Omega)$ 

Maximum working voltage :

Resistance to soldering heat

There shall be no evidence of poor contact between resistance element and terminals, or any physical damages as a result of soldering.

Dip soldering

Condition of soldering :

Soldering shall be certified with following condition.

Substrate to be soldered :

Copper clad laminated phenol board in one surface of 1.6 mm thickness.

Solder flux :

Flux of 0.82 specific weight in bubbling type solder fluxcoating apparatus shall be used and bubbling surface height shall be defined substantially as halt thickness of substrate.

Flux shall not flow up on substrate surface.

Preheating:

Surface temperature of substrate shall be settled within 100°C in 2 minutes.

Dip soldering:

To be performed in 260±5°C, 5±1 sec.

Please use the above process only 1 or 2 times.

To be performed in 3 seconds within 350°C.

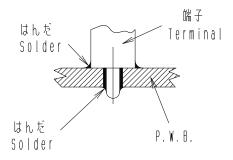
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< はんだ付け時のご注意事項 >

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



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