

Residual resistance 殘留阻值	Total resis- tance 總阻值	10K Ω	50K Ω	100K Ω	200K Ω	500K Ω	1M Ω
	Between terminals 1-2 端子 1-2 間	10 Ω	10 Ω	10 Ω	20 Ω	20 Ω	20 Ω
	Between terminals 2-3 端子 2-3 間	10 Ω	10 Ω	20 Ω	20 Ω	50 Ω	50 Ω

Mechanical characteristics: 機械的性能:

Operating force 滑動力	0.3~2.5N (30~250gf)
Stopper strength 止擋強度	50N (5kgf) measuring point = 5mm
Lever wobble 柄的晃動	2(2*L)/20 mm max. (L:Lever length both side)L:兩側柄長
Bending moment 瞬間彎曲	25mN.m(250gf.cm)
Push pull strength 軸推拉強度	50N(5kgf)
Click slip-out force C.C 脫出力	0.2~2N (20 ~ 200gf)
Lever deviation 柄的偏心率	0.5max.(one side)單側

Durability:耐久性能:

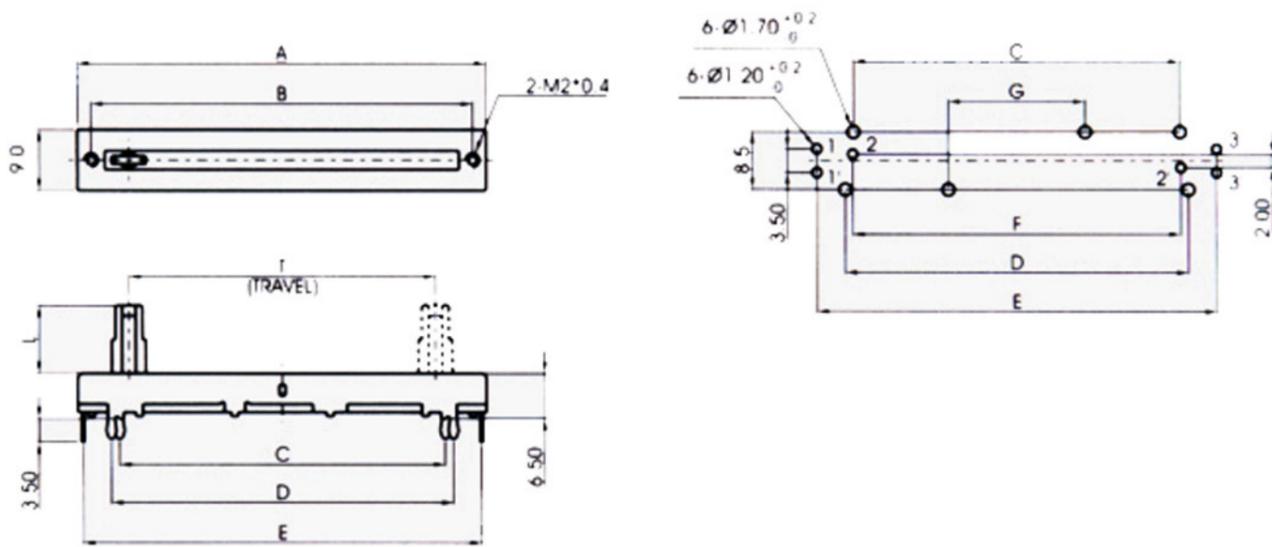
Sliding life
滑動壽命

15,000 cycles

Electrical characteristics:電氣的性能：

Total resistance 總阻值		1K Ω ~1M Ω						
Total resistance tolerance 總阻偏差		$\pm 20\%$ more than 1M Ω $\pm 30\%$						
Resistance taper 阻值規律		A, B, C, D, K, W, RD						
Insulation resistance 絕緣電阻		100M Ω min. at 250V DC.						
Withstand voltage 耐電壓		AC 300V(1 minute)						
Rated power 定額功率 (W)	Taper	Travel	15 mm	20 mm	30 mm	45 mm	60 mm	100 mm
		B	Single	0.05	0.1	0.2	0.25	0.2
		Dual	0.025	0.05	0.1	0.125	0.2	0.2
	Except B (B 以外)	Single	0.025	0.05	0.1	0.125	0.1	0.125
		Dual	0.012	0.025	0.05	0.06	0.1	0.1
Max. operating voltage(AC V) 最高使用電壓	B	Single	100	200	200	200	200	200
		Dual	100	100	200	200	200	200
	Except B (B 以外)	Single	50	150	150	150	150	150
		Dual	50	50	150	150	150	150
Gang error 同步誤差	Application 用途		Measuring range 測定範圍				Specification 規格	
	Volume control 音量用		-40~0				$\leq \pm 3\text{dB}$	
			-30~0 (20mm Travel)				$\leq \pm 4\text{dB}$	
Tone control 音質用		At taper measuring point (only 50% for taper W)				$\leq \pm 2\text{dB}$		

P.C.B. MOUNTING HOLE DETAIL



MODEL	T	A	B	C	D	E	F	G
C1521	15	30	26	17.8	20.2	28.5	18	
C2021	20	35	31	22.8	25.2	33.5	23	
C3021	30	45	41	32.8	35.2	43.5	33	
C4521	45	60	56	47.8	50.2	58.5	48	
C6021	60	75	71	62.8	65.2	73.5	63	
C0021	100	117	112.5	104.6	107	115.2	/	20

LEVER TYPE

MATERIAL	Metal lever																
LEVER TYPE	CH1				D1				C1				B1				
DIMENSIONS																	
LENGTH(L)	X	M			X	P	Q	R	X	A	B	C	D	E	X	H	I
	L	10.4			L	10	15	20	L	10	15	20	25	17.3	L	10	15
	F	7			F	7	10	10	F	7	10	10	10	10			

MATERIAL	Insulated lever															
LEVER TYPE	C						CA				B					
DIMENSIONS																
LENGTH(L)	X	1	2	3	5	6	7	X	4	8	X	9				
	L	10	12.5	15	18	20	0	L	5	10	L	10				
	F	5	5	5	5	5	5									