

SLIDE POTENTIOMETERS (WITH OUT METAL CASE)

Electrical characteristics:

Total resistance		500Ω-1MΩ						
Total resistance tolerance		± 20% (more than 1MΩ ± 30%)						
Resistance taper		A,B,C,D,W						
Insulation resistance		10MΩ min. at 250V DC.						
Withstand voltage		AC 250V (1 minute)						
Rated power	Taper	Travel	<15MM	20MM	30MM	45MM	60MM	100MM
	B	Single	0.05	0.1	0.2	0.25	0.2	0.25
		Dual	0.025	0.05	0.1	0.125	0.2	0.2
	Except B	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)	B	Single	100	200	200	200	200	200
		Dual	100	200	200	200	200	200
	Except B	Single	50	150	150	150	150	150
		Dual	50	50	150	150	150	150
Gang error	Application		Measuring range			Specification		
	Volume control		-40 ~ 0 dB			± 3dB		
			-30 ~ 0 dB (20mm Travel)			± 4dB		
Tone control		At taper measuring point (only 50% for taper W)			± 2dB			

Electrical characteristics

Rated power	Total resistance	<10KΩ	50KΩ	100KΩ	200KΩ	500KΩ	1MΩ
	Between terminals 1-2	10Ω	10Ω	10Ω	20Ω	20Ω	20Ω
	Between terminals 2-3	10Ω	10Ω	20Ω	20Ω	50Ω	50Ω
Slide noise	less than 100mV						

Mechanical Characteristics

Operating force	0.3 - 2.5mN.m (30 ~ 250gf.cm)
Stopper strength	30N(3kgf) measuring point = 5mm
Lever wobble	2(2*L)/20mm max. (L:lever length both side)
Bending moment	25mN.m (250gf.cm)
Push pull strength	50N (5kgf)
Click slip-out force	0.2 ~ 2N (20 ~ 200gf)
Lever deviation	0.5 max. (one side)
Push pull strength	50N (5kgf)

Durability

Slide life	15,000 cycles
------------	---------------