

Non Case Slide Potentiometer

Electrical Characteristics

Total Resistance	1K Ω ~1M Ω					
Total Resistance Tolerance	$\pm 20\%$					
Resistance Taper	A. B. C. D. W. Taper					
Resistance Taper Characteristics	A50%	B50%	C50%	D50%	W50%	
	15-25%	40-60%	75-85%	2-15%	45-55%	
Rated Power=B Taper (AC) Other Taper	10~15mm	100V0.05W	20~25mm	200V0.1W	30mm	250V0.2W
	10~15mm	50V0.025W	20~25mm	150V0.05W	30mm	200V0.1W
Residual Resistance	R \geq 250K Ω 0.1%					
	250K Ω > R > 10K Ω		20 Ω Max. (between Term. 1, 2)			
	10K Ω \geq R		20 Ω Max. (between Term. 2, 3)			
Gang Error	-40~0db \leq 3db					
Noise	100mV Max. at 20mm/sec.					
Insulation Resistance	DC 250V 10M Ω					
Withstand Voltage	1 minute at AC 250V					
Sliding Life	10,000 Cycles					

Mechanical Characteristics

Overall Travel	10 / 15 / 20 / 30mm \pm 0.5 mm
Stopper Strength	3 kgf.cm max. / 3 sec.
Operating Force and Click slip-out force	0.1~2N (10 ~ 200 gf.cm)
	1~3N (100 ~ 300 gf)
Level Push-Pull Strength	30N(3.0 kgf.cm max./ 5 sec.)
Level Wobble	2(2*L)/20 mm max. (L: lever length both side)
Bending Moment	25mN.m (250gf.cm)
Lever Deviation	0.5 max. (one side)

Soldering Heat	300°C, 3s. (Only for Hand-Soldering)
Remark	Black Shaft Carbon thickness: 15-20μ Sliver thickness: 10-15μ