



Normal Series Metal Shaft Slide Potentiometer

Terminal Style

TYPE	Solder Type	P.C.B Type	
Dimensions			
SL30v4 SL30v4-1	Length(H)=7	Length(H)=6	Length(H)=7

A. Shaft Illustration (All in Metal Type)

MATERIAL	SL30V4											
LEVER TYPE	A-TYPE						C-TYPE					
DIMENSIONS												
LENGTH(L)	L	10	15	20	25		L	3.3	10	15		
	F	7	10	10	10		F	0	7	10		
	M	6	7	7	7		W	6	5	6		

B. Dust-Proof is Available

**Normal Series Metal Shaft Slide Potentiometer****Electrical Characteristics**

Total Resistance	5K 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: AC500V 0.5 W; Other Tapers: AC350V 0.25 W				
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)				
Noise	100mV Max.				
Insulation Resistance	DC 500V 100M Ω				
Withstand Voltage	1 minute at AC 500V				
Sliding Life	15,000 Cycles				

Mechanical Characteristics

Overall Travel	30 mm \pm 0.5 mm
Stopper Strength	5 kgf.cm max. / 3 min. (From the base level to a point of 2mm)
Operating Force	20 ~ 260 gf.cm
Click slip-out force	50 ~ 350 gf.cm
Lever Push-Pull Strength	5 kgf.cm max. at 10 sec.
Lever Wobble	2(2*L)/25 mm max. (L:lever length both side)
Bending Moment	25mN.m (250gf.cm)
Soldering Heat	300 $^{\circ}$ C , 3s. (Only for Hand-Soldering)
Lever Deviation	0.5 max. (one side)