





**Normal Series Metal Shaft Slide Potentiometer**

**A. Shaft Illustration (All in Metal Type)**

MATERIAL	SL20V2 SL30V2										
LEVER TYPE	A-TYPE					C-TYPE					
DIMENSIONS											
LENGTH(L)	L	10	15	20	25	12	L	15	20		
	F	7	10	10	10	10	F	10	10		
	M	7	7	7	7	7					

**B. Dust-Proof is Available**

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

<b>Total Resistance</b>	5K $\Omega$ ~1M $\Omega$				
<b>Total Resistance Tolerance</b>	$\pm 20\%$				
<b>Resistance Taper</b>	A. B. C. D. W. Taper				
<b>Resistance Taper Characteristics</b>	A50%	B50%	C50%	D50%	W50%
	15-25%	40-60%	75-85%	2-15%	45-55%
<b>Rated Power</b>	B Taper: AC200V 0.1 W; Other Tapers: AC150V 0.05 W				
<b>Residual Resistance</b>	R $\geq$ 250K $\Omega$ 0.1% 250K $\Omega$ > R > 10K $\Omega$ 20 $\Omega$ Max. ( between Term. 1, 2) 10K $\Omega$ $\geq$ R                      20 $\Omega$ Max. ( between Term. 2, 3)				
<b>Noise</b>	100mV Max.				
<b>Insulation Resistance</b>	DC 500V 50M $\Omega$				
<b>Withstand Voltage</b>	1 minute at AC 300V				
<b>Sliding Life</b>	15,000 Cycles				

**Mechanical Characteristics**

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