



### Normal Series Metal Shaft Slide Potentiometer

**SL-30V4-1**

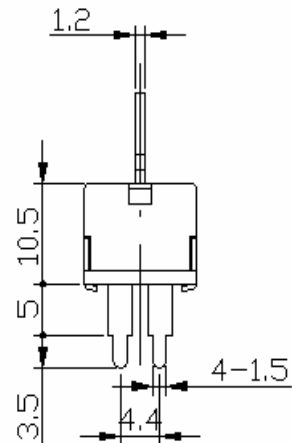
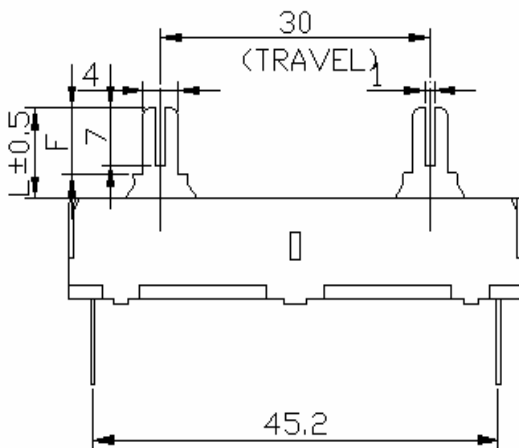
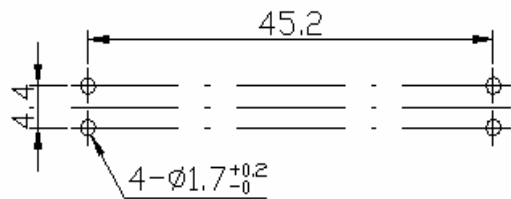
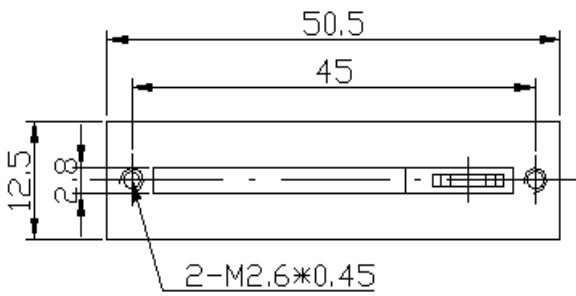


**Part Number**

**SL-30V4-1 - B 50K, L - 10 A / PCB**

Taper      Resistance Value      Shaft Type  
Shaft Length      Terminal Type

#### Dimensions





**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**

<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: AC500V 0.5 W; Other Tapers: AC350V 0.25 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 100M $\Omega$				
<b>Withstand Voltage</b>	1 minute at AC 500V				
<b>Sliding Life</b>	15,000 Cycles				

**Mechanical Characteristics**

<b>Overall Travel</b>	30 mm $\pm$ 0.5 mm
<b>Stopper Strength</b>	5 kgf.cm max. / 3 min. (From the base level to a point of 2mm)
<b>Operating Force</b>	26 ~ 260 gf.cm
<b>Click slip-out force</b>	50 ~ 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)