



## Standard Type Metal Shaft Slide Potentiometers

**SL-□□V3**



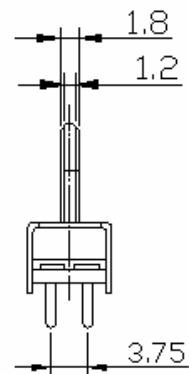
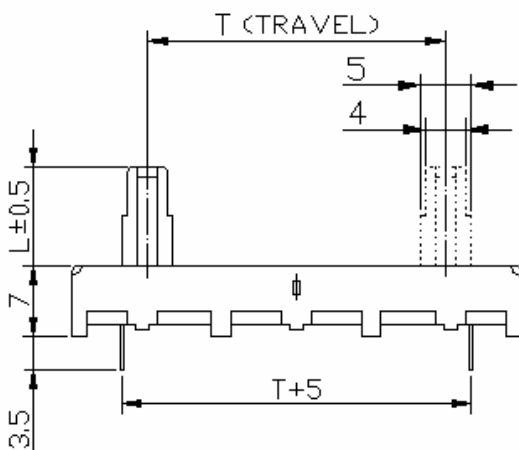
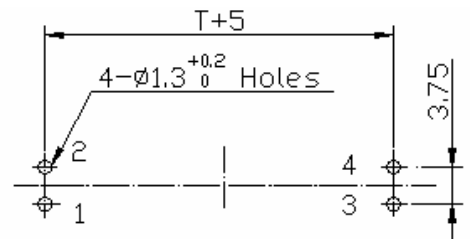
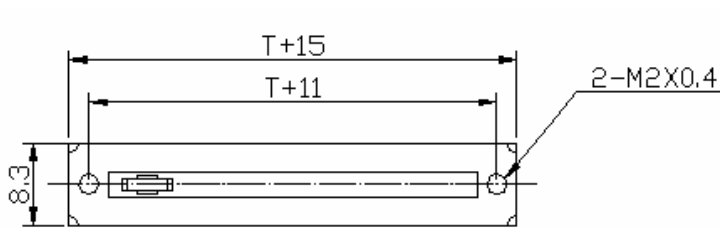
### Part Number

**SL-□□V3 - B 50K, L-20 C / Metal**

↓	↓	↓	↓
Travel Length	Taper	Resistance Value	Material of shaft

### Dimensions

**Travel Length: 20mm, 30mm, 45mm, 60mm.**





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Shaft Type

**Metal Lever - (M)**

MATERIAL	METAL LEVER																						
LEVER TYPE	A-TYPE				D-TYPE				C-TYPE				B-TYPE										
DIMENSIONS																							
LENGTH(L)	L	10.4			L	10	15	20		L	10	15	20	25	17.3	L	10	15					
	F	7			F	7	10	10		F	7	10	10	10	10								



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**Electrical Characteristics**

<b>Total Resistance</b>	5KΩ~1MΩ				
<b>Total Resistance Tolerance</b>	± 20% (more than 1MΩ± 30%)				
<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% $250K\Omega > R > 10K\Omega$ 20Ω Max. ( between Term. 1, 2) $10K\Omega \geq R$ 20Ω Max. ( between Term. 2, 3)				
<b>Noise</b>	100mV Max.				
<b>Insulation Resistance</b>	DC 500V 100MΩ				
<b>Withstand Voltage</b>	1 minute at AC 500V				
<b>Sliding Life</b>	15,000 Cycles				

**Mechanical Characteristics**

<b>Overall Travel</b>	20 / 30 / 45 / 60 mm ± 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 ~ 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°C, 3s. (Only for Hand-Soldering)	
<b>Lever Deviation</b>	0.5 max. ( one side)	
<b>Remark</b>	Case: Metal Carbon thickness: 15-20μ	Shaft: Metal Sliver thickness: 10-15μ