



**Standard Type Metal and Plastic Shaft Slide Potentiometers**

**SL-3015G**

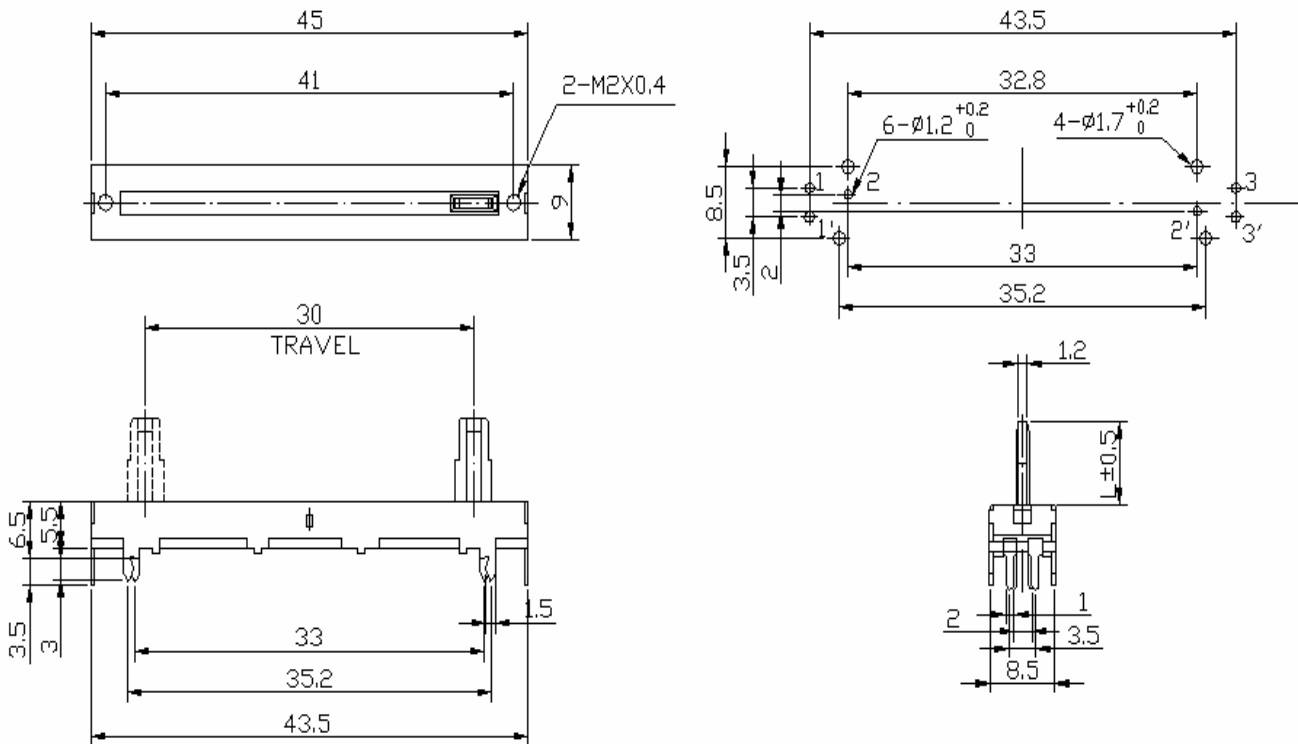


**Part Number**

**SL3015G- B 50K ,L - 20 C / M**

Taper ↓ Resistance Value ↓ Shaft Type ↓  
Shaft Length ↓ Lever Material ↓

**Dimensions**





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Shaft Type

**Insulated Lever**

MATERIAL	INSULATED LEVER																			
LEVER TYPE	C-TYPE							CA-TYPE					B-TYPE							
DIMENSIONS																				
LENGTH(L)	L	5	10	12.5	15	18	20	L	5	10					L	10				
	F	5	5	5	5	5	5													

**Metal Lever**

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



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**Electrical Characteristics**

<b>Total Resistance</b>	5K $\Omega$ ~1M $\Omega$				
<b>Total Resistance Tolerance</b>	$\pm 20\%$ (more than 1M $\Omega$ $\pm 30\%$ )				
<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 0.2 W; Other Tapers AC150V 0.1 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>Gang Error</b>	-40 ~ 0db $\leq$ 3 db				
<b>Noise</b>	100mV Max.				
<b>Insulation Resistance</b>	DC 250V 10M $\Omega$				
<b>Withstand Voltage</b>	1 minute at AC 300V				
<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 sec (From the base level to a point of 2mm).
<b>Operating Force</b>	30~200gf.cm
<b>Click slip-out force</b>	50gf.cm ~ 350 gf.cm
<b>Lever Push-Pull Strength</b>	3 kgf.cm max. at 10 sec.
<b>Lever Wobble</b>	2( 2*L)/20 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)