





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

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>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>	3.0 kgf.cm max./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)