SONG HUEI ELECTRIC CO.,LTD

Micro Series Slide Potentiometers

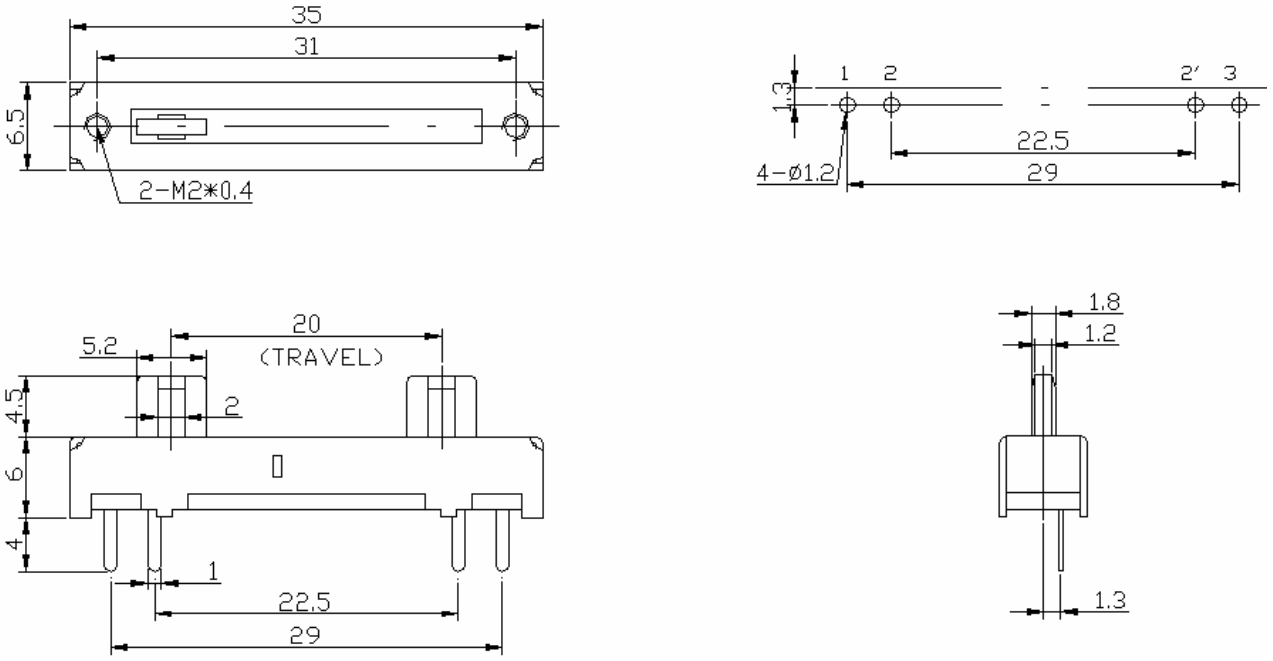
SL-20V

Part Number

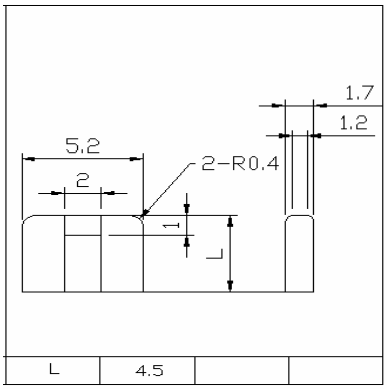
SL-20V - B 50K, L - 4.5 C

- B: Taper
- 50K: Resistance Value
- 4.5: Shaft Length
- C: Shaft Type

Dimensions



Insulated Lever:



SONG HUEI ELECTRIC CO.,LTD

Micro Series Slide Potentiometers

Electrical Characteristics

Total Resistance	500Ω~500KΩ			
Total Resistance Tolerance	± 20% (more than 1MΩ± 30%)			
Resistance Taper	A. B. C. W. Taper			
Resistance Taper Characteristics	A50%	B50%	C50%	W50%
	15-25%	40-60%	75-85%	45-55%
Rated Power	B Taper: AC200V 0.1 W; Other Tapers: AC150V 0.05 W			
Residual Resistance	R ≥ 250KΩ 0.1% 250KΩ> R > 10KΩ 20ΩMax. (between Term. 1, 2) 10KΩ≥ R 20ΩMax. (between Term. 2, 3)			
Noise	100mV Max.			
Insulation Resistance	DC 250V 50MΩ			
Withstand Voltage	1 minute at AC 250V			
Sliding Life	15,000 Cycles			

Mechanical Characteristics

Overall Travel	20 mm ± 0.5 mm
Stopper Strength	3 kgf.cm max. / 3 sec.
Operating Force	20~200gf.cm
Lever Push-Pull Strength	10 N (1.0 kgf.cm max./3 sec.)
Lever Wobble	2(2*L)/20 mm max. (L:lever length both side)
Bending Moment	25mN.m (250gf.cm)
Click slip-out force	30gf.cm ~ 300gf.cm
Soldering Heat	300℃, 3s. (Only for Hand-Soldering)
Lever Deviation	0.5 max. (one side)