



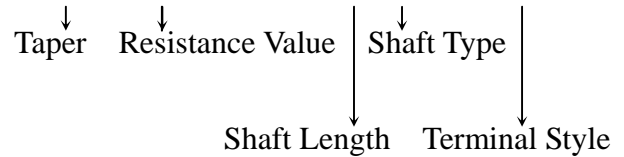
Conductive Plastic & Special Slide Potentiometers (Master Series)

SL4581G

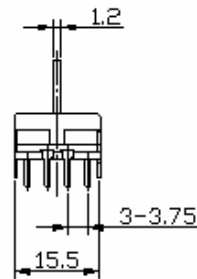
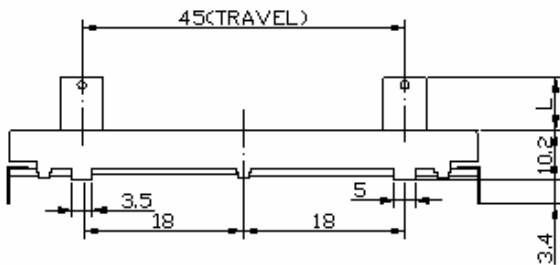
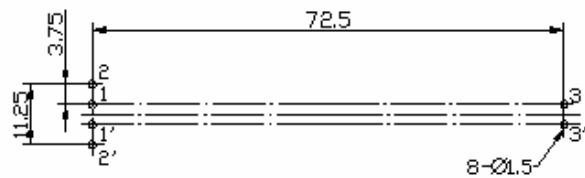
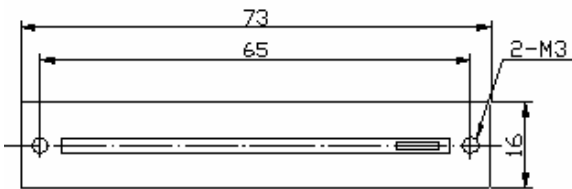


Part Number

SL4581G - B 50K, L - 20 B / PCB



Dimensions



Configuration code	B	D	A	H
	t=1.2	t=1.2	t=1.2	t=1.2
Dimensions				
Length	8,10,12,20	15,20	10,20	8,0



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Electrical Characteristics

Total Resistance	1KΩ~1MΩ			
Total Resistance Tolerance	± 20%(more than 1MΩ +-30%)			
Resistance Taper	A. B. C. D. Taper			
Resistance Taper Characteristics	A50%	B50%	C50%	D50%
	15-25%	40-60%	75-85%	2-15%
Rated Power	B Taper: 0.5 W; Other Tapers: 0.25 W			
Residual Resistance	R ≥ 250KΩ 0.1% 250KΩ > R > 10KΩ 20Ω Max. (between Term. 1, 2) 10KΩ ≥ R 20Ω Max. (between Term. 2, 3)			
Gang Error	-40dB~0 dB ≤3dB (3dB max.)			
Sliding Noise	68mV Max. at 20mm/sec.			
Insulation Resistance	100MΩ min at 2500DC			
Withstand Voltage	1 minute at AC 300V			
Sliding Life	Standard Type: 15,000 Cycles Special Type: 50,000 Cycles Conductive Plastic Type: 300,000 Cycles			

Mechanical Characteristics

Overall Travel	45mm ± 0.5 mm	
Stopper Strength	10 kgf. max.	
Operating Force	5 ~ 50 gf.cm	
Level Push-Pull Strength	10.0 kgf.cm	
Level Wobble	2(2*L)/25 mm max. (L:lever length both side)	
Soldering Heat	300°C, 3s. (Only for Hand-Soldering)	
Remark	Case: Metal	Shaft: Metal