

# Slide Potentiometer

## Model PS100



### Features:

- Single / dual gang
- 100 mm travel
- 100,000 cycle life
- Metal shaft
- RoHS compliant



### Model Styles Available

Single Gang , 100mm Travel	PS100 -1
Dual Gang , 100mm Travel	PS100 -2

### Electrical

Resistance Range, Ohms	500 -1M
Standard Resistance Tolerance	± 20%
Resistance Tapers	A,B,C
Residual Resistance, Max.	Term. 1-2 : 10 ohms, Term 2-3: 30 ohms
Input Voltage, Maximum	200Vdc
Power rating, Watts	Linear B taper: 0.25W Other tapers: 0.125W
Dielectric Strength	300Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc/ 1 minute
Sliding Noise	Less than 100mV
Gang Error	±3dB (-40dB to 0dB)

### Mechanical

Static Stop Strength, Minimum	10.0 Kgf-cm
Operating Force	30gf max.

### Durability

Sliding Life	100,000 cycles
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#### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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### Ordering



### Standard Resistance Values, ohms

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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### Metal Lever Types



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### Outline Drawings

#### PS100-1 Single Gang



#### PS100-2 Dual Gang



### Circuit Diagram

#### PS100-1 Single Gang



#### PS100-2 Dual Gang



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