

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 |
|--------------|----------------|

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 |
|-----|----|----|----|-----|-----|-----|------|------|------|-------|

Metal Lever Types



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Outline Drawings

PS100-1 Single Gang



PS100-2 Dual Gang

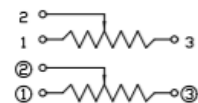


Circuit Diagram

PS100-1 Single Gang



PS100-2 Dual Gang



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