

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

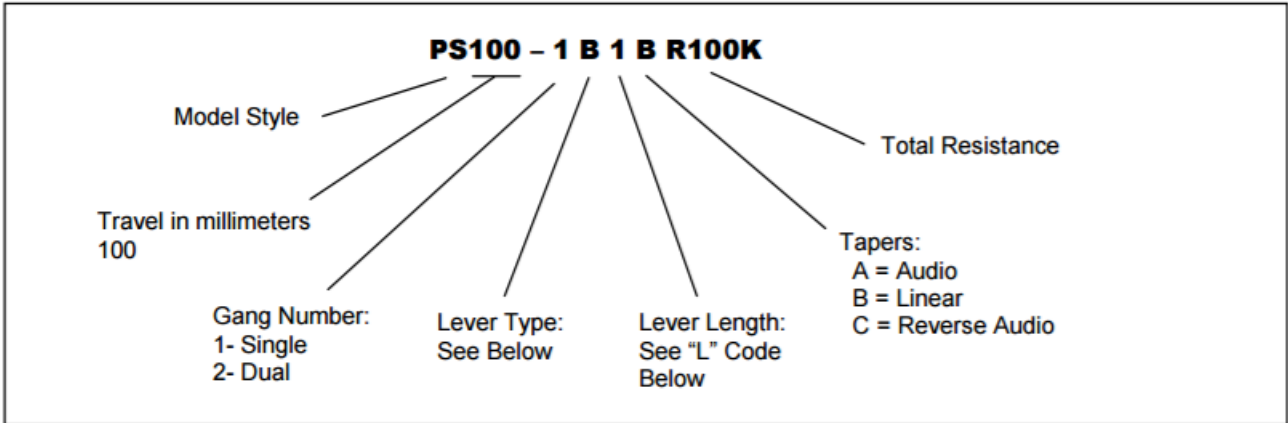
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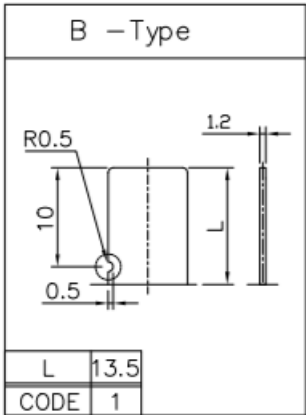
Ordering



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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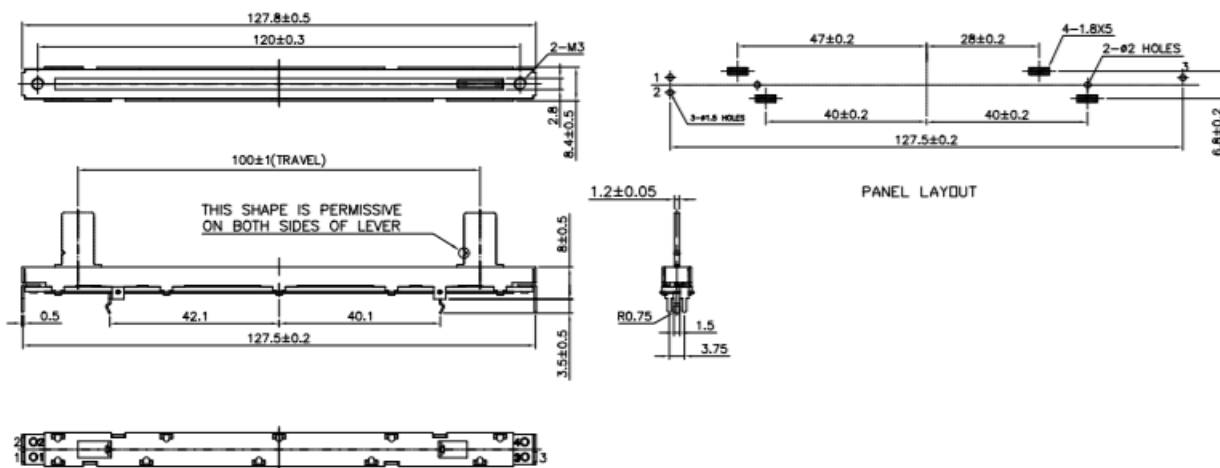
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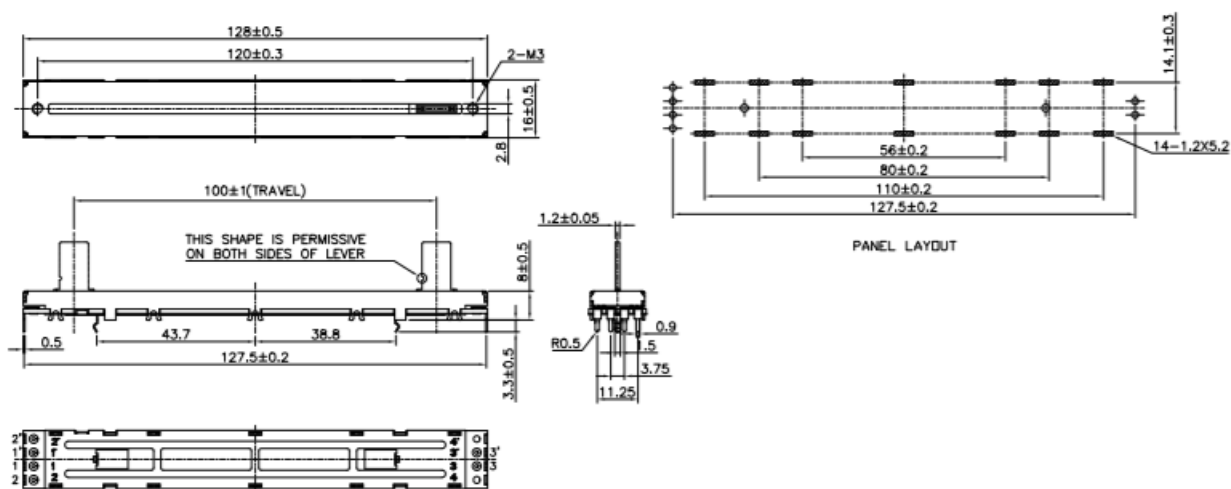


Outline Drawings

PS100-1 Single Gang



PS100-2 Dual Gang



Circuit Diagram

PS100-1 Single Gang



PS100-2 Dual Gang



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