Features
- Carbon element
- Metal housing
- 45-100 mm travel
- Single and dual gang
- Dust cover option
- RoHS compliant*

PTB Series - Low Profile Slide Potentiometer

Electrical Characteristics
Taper.............................................. Linear, audio
Standard Resistance Range ............... 5K ohms to 200K ohms
Standard Resistance Tolerance........... ±20 %
Residual Resistance ...................... 500 ohms or 1 % max.
Insulation Resistance ................. Min. 100 megohms at 250 V DC

Environmental Characteristics
Operating Temperature ...................... -10 °C to +60 °C
Power Rating, Linear
45 mm ..................................0.125 W (0.06 W Dual Gang)
60 mm ..................................0.25 W (0.125 W)
100 mm ..................................0.5 W (0.5 W)
Power Rating, Audio
45 mm ..................................0.025 W (0.015 W Dual Gang)
60 mm ..................................0.25 W (0.125 W)
100 mm ..................................0.25 W (0.25 W)
Maximum Operating Voltage - Linear
45 mm ....................................350 VDC
60-100 mm ..............................500 VDC
Maximum Operating Voltage - Audio
45 mm ....................................250 VDC
60-100 mm Travel .......................350 VDC
Withstand Voltage, Audio ............. 1 Min. at 500 V AC
Tracking Error ......................... 3 dB at 50 % of travel
Moisture Sensitivity Level ............... 1
ESD Classification (HBM) .............. N/A

Mechanical Characteristics
Operating Force ....................10 to 100 gf
Stop Strength .........................5 kgf min.
Sliding Life ..........................15,000 cycles
Soldering Condition ................. 300 °C max. within 3 seconds
Travel ..................................45, 60, 100 mm

Derating Curve

<table>
<thead>
<tr>
<th>Ambient Temperature (°C)</th>
<th>Rating Power Ratio (%)</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>10</td>
<td>90</td>
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<td>90</td>
<td>10</td>
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<tr>
<td>100</td>
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</tbody>
</table>

Lever Styles
AP Metal Lever
BP Metal Lever

Product Dimensions

PTB45 and PTB60

DIA. HOLES
AP Metal Lever
BP Metal Lever

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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Users should verify actual device performance in their specific applications.
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Applications
- Audio/TV sets
- Amplifiers/mixers/drum machines/synthesizers
- PCs/monitors
- Appliances

PTB Series - Low Profile Slide Potentiometer

Product Dimensions

PTB100

How To Order

PTB 01 4 3 - 2 0 10 BP A 102

Model

- Stroke Length
  - 45 = 45 mm
  - 60 = 60 mm
  - 01 = 100 mm

Dust Cover Option
- 4 = No Dust Cover
- 5 = Rubber Dust Cover

No. of Gangs
- 3 = Single Gang
- 4 = Dual Gang

Pin Style
- 2 = PC Pins Down Facing

No Detent

Standard Lever Length
- 10 = 10 mm

Lever Style
- BP = Metal Lever (Refer to Drawing)
- AP = Metal Lever (Refer to Drawing)

Resistance Taper
- A = Audio Taper
- B = Linear Taper

Resistance Code (See Table)

Other styles available.

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
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</thead>
<tbody>
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