Features
- Long life carbon element
- Assortment of resistance tapers
- 45 mm, 60 mm and 100 mm travel lengths
- Single and dual gang elements
- Long operational life
- Tracking error within ±2 dB

PTF Series Long Life Slide Potentiometer

Electrical Characteristics

<table>
<thead>
<tr>
<th>Standard Resistance Range</th>
<th>1K ohms to 1 megohm</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Resistance</td>
<td>±20 %</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>100 megohms min.</td>
</tr>
<tr>
<td>Dielectric Withstanding Voltage</td>
<td>1000 VAC</td>
</tr>
<tr>
<td>Tracking Error</td>
<td>±2 dB</td>
</tr>
</tbody>
</table>

Power Rating
- 45 mm: 0.25 watt
- 60 & 100 mm: 0.5 watt
- 45 mm Audio: 0.125 watt
- 60 & 100 mm Audio: 0.25 watt

Slider Noise: 60 mV max.

Environmental Characteristics

- Operational Life: 100,000 cycles
- TR Shift: ±15 %
- Operating Temperature Range: -10 °C to +55 °C
- Resistance to Solder Heat: ±5 %

Mechanical Characteristics

- Mechanical Travel: See Product Dimensions
- Operating Force: 50 gf
- Stop Strength: 10 kgf min.
- Shaft Axial Force: 10 kgf min.
- Shaft Wobble: (2 x L/25) mm p-p max.
- Soldering Condition
  - Manual: 300 °C ±5 °C for 3 sec.
  - Wave: 260 °C ±5 °C for 5 sec.
  - Wash: Not recommended

Product Dimensions

45 mm Length of Travel
Lever End Style “A”

![Dimensions Diagram]

Mounting Hole Detail

![Hole Diagram]

Schematics

Single Gang

Dual Gang

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.
Applications
- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers

PTF Series Long Life Slide Potentiometer

Product Dimensions
60 mm Length of Travel
Lever End Style “A”

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PTF Series Long Life Slide Potentiometer

Product Dimensions

100 mm Length of Travel
Lever End Style “A”

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Customers should verify actual device performance in their specific applications.
PTF Series Long Life Slide Potentiometer

Product Dimensions

45 mm Length of Travel
Lever End Style “T”

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Customers should verify actual device performance in their specific applications.
PTF Series Long Life Slide Potentiometer

Product Dimensions

60 mm Length of Travel
Lever End Style “T”

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PTF Series Long Life Slide Potentiometer

Product Dimensions

100 mm Length of Travel
Lever End Style “T”

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PTF Series Long Life Slide Potentiometer

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