Features
- High grade, long life
- Single and dual gang
- Assortment of resistance tapers
- Tracking error within ±3 dB
- 45, 60 and 100 mm sizes
- Wide operating temperature range
- T-bar lever option

The Model PTS45 and PTS60 series are currently available but not recommended for new designs. The Model PTF45 and PTF60 are alternatives.

PTS Series High Grade Slide Potentiometer

Electrical Characteristics
- Standard Resistance Range: 1K ohms to 1 megohm
- Standard Resistance Tolerance: ±20%
- End Resistance: 1 ohm max.
- Insulation Resistance @ 500 VDC: 100 megohms min.
- Dielectric Withstanding Voltage: 1000 VAC
- Tracking Error: ±3 dB
- Standard Taper: Linear, Audio

Power Rating
- Linear: 0.5 Watt
- 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: Length ±0.5 mm
- Operating Force: 60 gf
- Stop Strength: 5 kgf min.
- Shaft Axial Force: 10 kgf min.
- Shaft Wobble: 2(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”

How To Order
- PTS 45 - 0 2 L - 103 B2

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
<td>202</td>
</tr>
<tr>
<td>5,000</td>
<td>502</td>
</tr>
<tr>
<td>10,000</td>
<td>103</td>
</tr>
<tr>
<td>20,000</td>
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<td>50,000</td>
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<td>100,000</td>
<td>104</td>
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<td>204</td>
</tr>
<tr>
<td>500,000</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

How To Order

- PTS 45 - 0 2 L - 103 B2

- Model Number: PTS
- Designator: High Grade Slide Potentiometer
- Length of Travel: 45 = 45 mm, 60 = 60 mm, 01 = 100 mm
- Lever End Style/Length
  - 0 = Lever End Style “A” / 15 mm
  - 1 = Lever End Style “T” / 8.2 mm
  - 2 = Lever End Style “A” / 20 mm
- No. of Gangs
  - 1 = Single Gang
  - 2 = Dual Gang
- Mounting Type
  - L = Solder Lugs
  - P = PC Pins
- Resistance Code
  - (See Standard Resistance Table)
  - Resistance Taper (See Taper Charts)
  - Taper Series followed by Curve Number

The Model PTS45 and PTS60 series are currently available but not recommended for new designs. The Model PTF45 and PTF60 are alternatives.

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.
Applications

- Professional mixing consoles
- Professional outboard gear

PTS Series High Grade Slide Potentiometer

Product Dimensions

60 mm Length of Travel
Lever End Style “A”

Tapers

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PTS Series High Grade Slide Potentiometer

Product Dimensions

100 mm Length of Travel
Lever End Style “A”

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The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.
PTS Series High Grade Slide Potentiometer

Product Dimensions

45 mm Length of Travel
Lever End Style “T”

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.
PTS Series High Grade Slide Potentiometer

Product Dimensions

60 mm Length of Travel
Lever End Style “T”

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.
PTS Series High Grade Slide Potentiometer

Product Dimensions

100 mm Length of Travel
Lever End Style “T”

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.