**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**

**Model Number**

**Designator**

- PTS = High Grade Slide Potentiometer

**Length of Travel**

- 45 = 45 mm
- 60 = 60 mm
- 100 = 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)

**How To Order**

**PTS45 and PTS60 series**

are currently available but not recommended for new designs.

The Model PTS45 and PTS60 are alternatives.

**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

**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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- Professional mixing consoles
- Professional outboard gear
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PTS Series High Grade Slide Potentiometer

Product Dimensions

45 mm Length of Travel
Lever End Style “T”

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PTS Series High Grade Slide Potentiometer

Product Dimensions

60 mm Length of Travel
Lever End Style “T”

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PTS Series High Grade Slide Potentiometer

Product Dimensions

100 mm Length of Travel
Lever End Style “T”

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