**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

**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”**

<table>
<thead>
<tr>
<th>Dimensions: MM (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.0 (-0.51)</td>
</tr>
<tr>
<td>6.0 ± 0.2</td>
</tr>
<tr>
<td>45.0 ± 0.5</td>
</tr>
<tr>
<td>27.5 MAX (1.005)</td>
</tr>
<tr>
<td>65.0 ± 0.2</td>
</tr>
<tr>
<td>1.772 ± 0.008</td>
</tr>
<tr>
<td>0.3 (0.012)</td>
</tr>
<tr>
<td>10.0 ± 0.3</td>
</tr>
<tr>
<td>5.0 ± 0.1</td>
</tr>
<tr>
<td>1.787</td>
</tr>
<tr>
<td>0.972</td>
</tr>
<tr>
<td>15.0</td>
</tr>
<tr>
<td>0.591</td>
</tr>
<tr>
<td>20.0</td>
</tr>
<tr>
<td>0.787</td>
</tr>
</tbody>
</table>

**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>
<td>203</td>
</tr>
<tr>
<td>50,000</td>
<td>503</td>
</tr>
<tr>
<td>100,000</td>
<td>104</td>
</tr>
<tr>
<td>200,000</td>
<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**

- **Model Number**
  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)

Specifications are subject to change without notice.
Customers 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

Lever Length
15.0
20.0

(591)
(787)

DIMENSIONS: MM
(INCHES)

Schematics

Single Gang

Dual Gang

Specifications are subject to change without notice.
Customers 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 “A”

Specifications are subject to change without notice.
Customers 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.
Customers 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.
Customers 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”

DIMENSIONS: MM

REV. 02/10

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