

Features

- Carbon element
- Assortment of resistance tapers
- 45 mm and 60 mm travel lengths
- Single and dual gang elements
- Long operational life
- Tracking error within ±2 dB
- Various lever styles



Electrical Characteristics

| Standard Resistance Range | | | |
|---------------------------|----------|------------|-------|
| | Standard | Resistance | Range |

| 0 | |
|--|--|
| 1K ohms to 1 megohm | |
| Standard Resistance Tolerance ± 20 % | |
| End Resistance2 ohms max. | |
| Insulation Resistance @ 100 VDC | |
| | |
| Dielectric Withstanding Voltage | |
| 250 VAC | |
| Tracking Error ±2 dB | |
| Standard TaperLinear, Audio | |
| Power Rating | |
| Linear0.2 watt | |
| Audio0.1 watt | |
| Slider Noise100 mV max. | |
| | |

Environmental Characteristics

| Operational Life | 100,000 cycles |
|--------------------------|----------------|
| TR Shift | ±15 % |
| Operating Temperature R | ange |
| 1 | 0 °C to +55 °C |
| Resistance to Solder Hea | t±5 % |

Mechanical Characteristics

| Mechanical Angle | 300 ° ±5 ° |
|---------------------|------------------------|
| Mechanical Travel | Length ±0.5 mm |
| Operating Force | 50 gf |
| Stop Strength | 5 kgf min. |
| Shaft Axial Force | 5 kgf min. |
| Shaft Wobble 2(2 | 2 x L/25) mm p-p max. |
| Soldering Condition | on |
| Manual3 | 00 °C ±5 °C for 3 sec. |
| | |

Wave260 °C ±5 °C for 5 sec. WashNot recommended

Standard Resistance Table

| Resistance (Ohms) | Resistance Code |
|----------------------|--------------------|
| 1,000 | 102 |
| 2,000 | 202 |
| 5,000 | 502 |
| 10,000 | 103 |
| 20,000 | 203 |
| 50,000 | 503 |
| 100,000 | 104 |
| 200,000 | 204 |
| 500,000 | 504 |
| 1,000,000 | 105 |

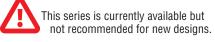


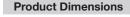
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

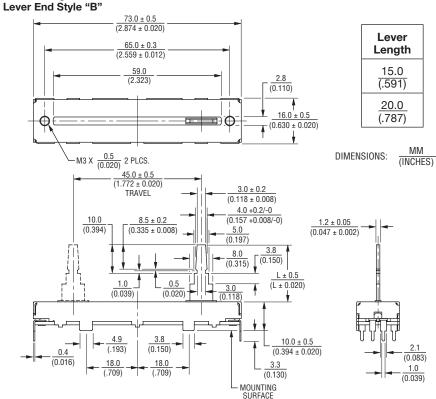
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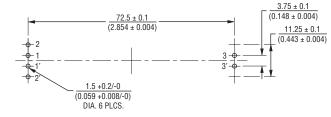




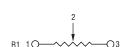
45 mm Length of Travel

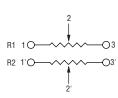


Mounting Hole Detail



Schematics Single Gang





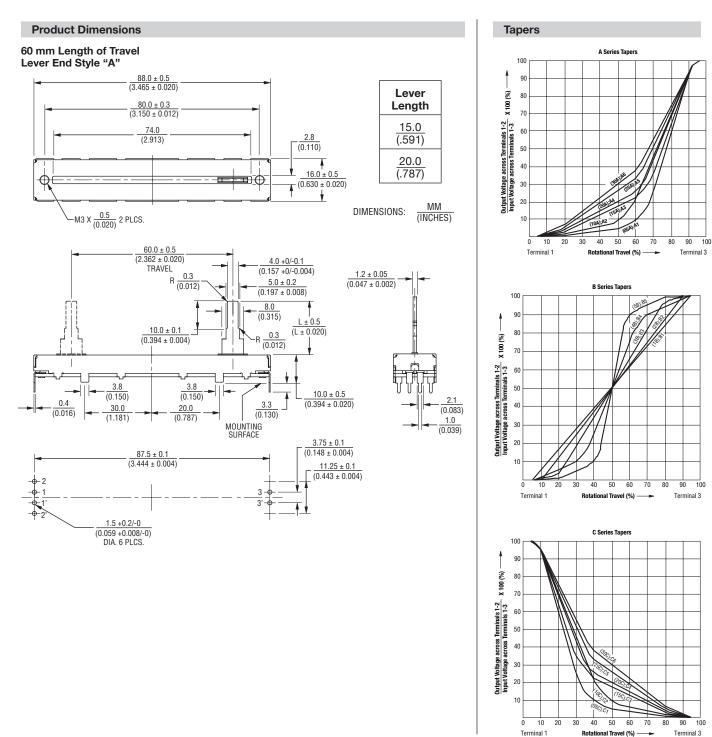
Dual Gang

Applications

- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers

PTE Series Low Profile Slide Potentiometer

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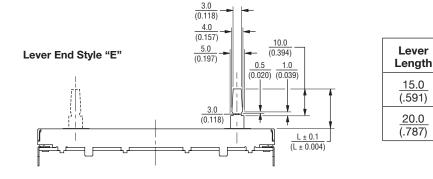
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PTE Series Low Profile Slide Potentiometer

Additional Lever End Styles Lever End Style "C" 8.0 (0.318) $R \frac{0.0}{(0.020)}$ 0.5 1.6 (.630) DIA. DIMENSIONS: Ā 1.35 (0.053) 12.0 ± 0.1 $\overline{(0.472 \pm 0.004)}$ 8.0 Lever End Style "D" 0.5 $R \frac{0.0}{(0.020)}$ (0.318) Length L ± 0.1 (L ± 0.004)



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MM

(INCHES)

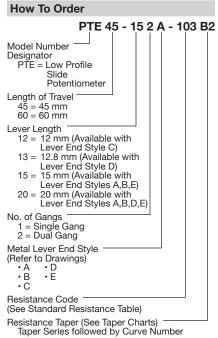
Lever

12.8

(.504)

20.0

(.787)



REV. 06/22

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