

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

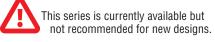


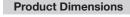
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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

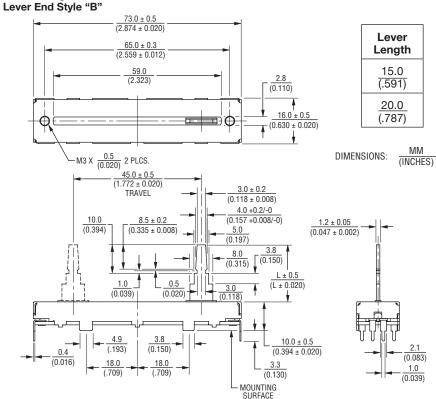
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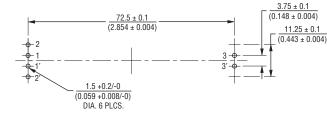




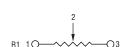
45 mm Length of Travel

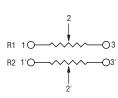


Mounting Hole Detail



Schematics Single Gang





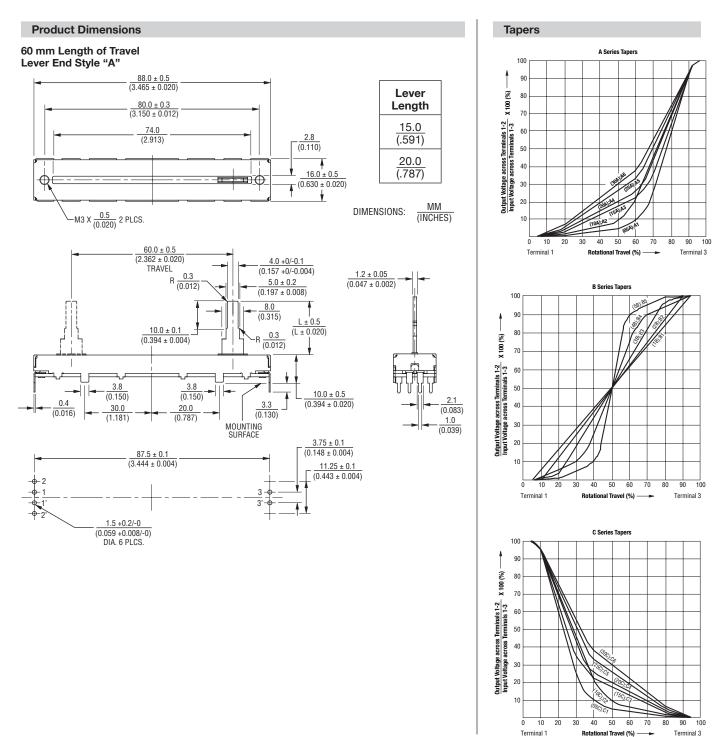
Dual Gang

Applications

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

PTE Series Low Profile Slide Potentiometer

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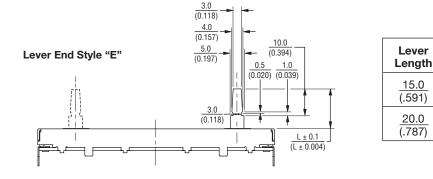
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PTE Series Low Profile Slide Potentiometer

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)

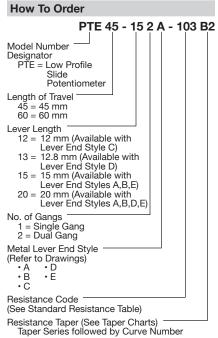
Lever

12.8

(.504)

20.0

(.787)



REV. 06/22

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