

- Assortment of resistance tapers
- 45 mm and 60 mm travel lengths
- Single and dual gang elements
- Long operational life

Features ■ Carbon element

- Tracking error within ±2 dB
- Various lever styles



PTE Series Low Profile Slide Potentiometer

Electrical Characteristics

Standard Resistance Range1K ohms to 1 megohm Standard Resistance Tolerance... ±20 % End Resistance 2 ohms max. Insulation Resistance @ 100 VDC100 megohms min. Dielectric Withstanding Voltage250 VAC Tracking Error ±2 dB Standard Taper.....Linear, Audio

Power Rating Linear0.2 watt Audio......0.1 watt Slider Noise100 mV max.

Environmental Characteristics

Operational Life	100,000 cycle	es
TR Shift	±15	%
Operating Temperature	e Range	
	10 °C to +55 °	C
Resistance to Solder H	leat±5	%

Mechanical Characteristics

Mechanical Angle300 ° ±5 ° Mechanical Travel...... Length ±0.5 mm Operating Force50 gf Stop Strength 5 kgf min. Shaft Axial Force 5 kgf min. Shaft Wobble.. 2(2 x L/25) mm p-p max. Soldering Condition

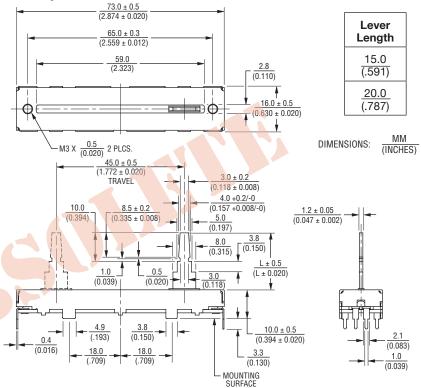
Manual300 °C ±5 °C for 3 sec. Wave260 °C ±5 °C for 5 sec. WashNot recommended

Standard Resistance Table

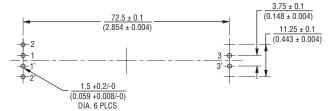
Resistance (Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105

Product Dimensions

45 mm Length of Travel Lever End Style "B"

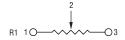


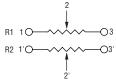
Mounting Hole Detail



Schematics

Single Gang **Dual Gang**







WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Applications

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

PTE Series Low Profile Slide Potentiometer

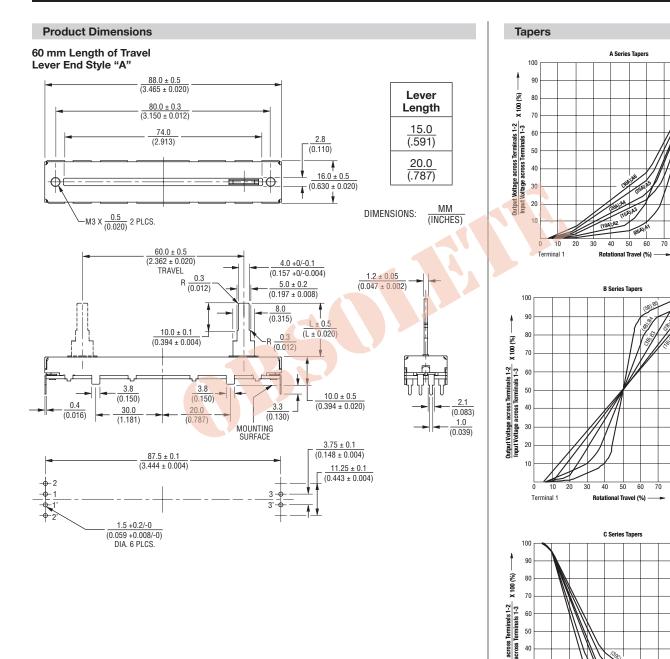
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10 20 30 40 50 60

Terminal 1

90

Terminal 3



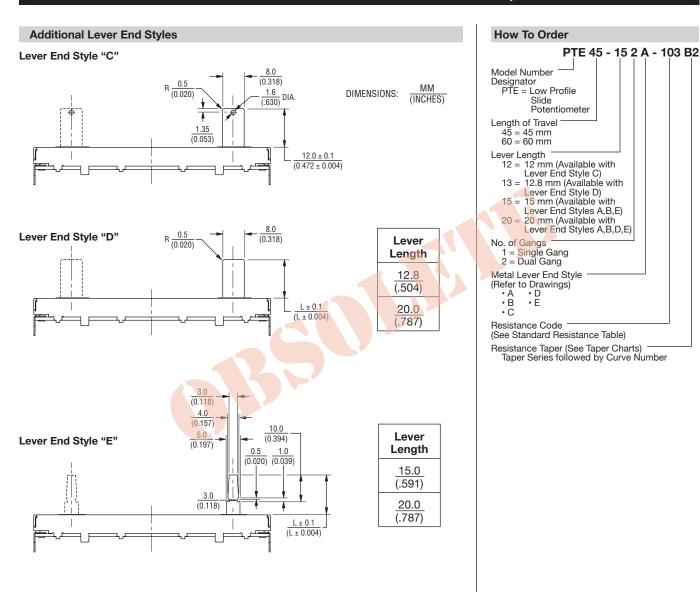
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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PTE Series Low Profile Slide Potentiometer

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