

Features

- Carbon element
- Metal housing
- 45-100 mm travel

RoHS compliant*

Single and dual gang Dust cover option



Electrical Characteristics

Taper..... Linear, audio Standard Resistance Range

.....5K ohms to 200K ohms Standard Resistance Tolerance.....±20 % **Residual Resistance**

Insulation Resistance

...... Min. 100 megohms at 250 V DC

Environmental Characteristics

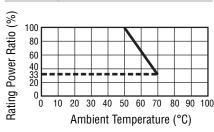
Operating Temperature

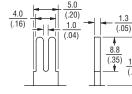
	10 °C to +60 °C	
Power Rating, Linear		
45 mm0.125 V	(0.06 W Dual Gang)	
	0.25 W (0.125 W)	
	0.5 Ŵ (0.5 Ŵ)	
Power Rating, Audio	· · · · · ·	
45 mm0.025 W	(0.015 W Dual Gang)	
60 mm	0.25 W (0.125 W)	
100 mm	0.25 Ŵ (0.25 Ŵ)	
Maximum Operating	Voltage - Linear	
45 mm	350 VDC	
60-100 mm	500 VDC	
Maximum Operating	Voltage - Audio	
	250 VDC	
60-100 mm Trave	I 350 VDC	
Withstand Voltage, A	udio	
	1 Min. at 500 V AC	
Tracking Error 3	dB at 50 % of travel	
Moisture Sensitivity L	.evel1	
ESD Classification (H	BM)N/A	

Mechanical Characteristics

Operating Force	10 to 100 gf
Stop Strength	5 kgf min.
Sliding Life	15,000 cycles
Soldering Condition	-
Travel	45 60 100 mm

Derating Curve









MM DIMENSIONS: (INCHES)

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.

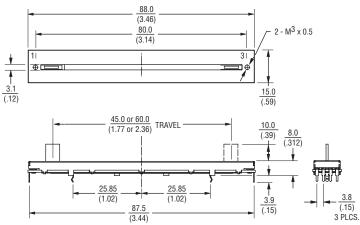
Users should verify actual device performance in their specific applications.

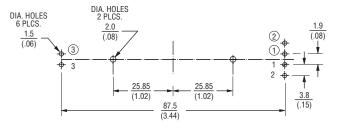
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PTB Series - Low Profile Slide Potentiometer

Product Dimensions

PTB45 and PTB60

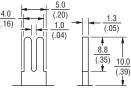




Numbers (1), (2) and (3) for Dual Gang Versions

Lever Styles

AP Metal Lever

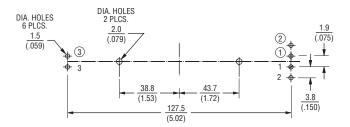


Applications

- Audio/TV sets
- Amplifiers/mixers/drum machines/synthesizers
- PCs/monitors
- Appliances

PTB Series - Low Profile Slide Potentiometer

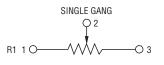
Product Dimensions PTB100 128.0 (5.04) 120.0 2 - M³ x 0.5 (4.72)31 11 . ΦĽ€ 3.1 (.12) 15.0 (.591) $\frac{100.0}{(3.94)}$ TRAVE 10.0 (.394) 8.0 (.315) 1 A 38.8 (1.53) 43.7 (1.72) 3.8 3.9 (.150) 127.5 (.154)3 PLCS.

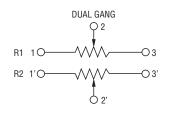


Numbers (1), (2) and (3) for Dual Gang Versions

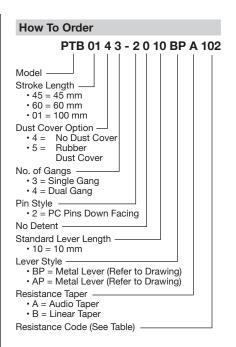


Schematics





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Other styles available.

Standard Resistance Table		
Resistance (Ohms)	Resistance Code	
5,000	502	
10,000	103	
20,000	203	
50,000	503	
100,000	104	
200,000	204	

REV. 08/20

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