

### **Features**

- Long life carbon element
- Assortment of resistance tapers
- 45 mm, 60 mm and 100 mm travel lengths
- Single and dual gang elements
- Long operational life
- Tracking error within ±2 dB



# PTF Series Long Life Slide Potentiometer

### **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 ..... ±2 dB Standard Taper.....Linear, Audio Power Rating - Linear 45 mm ...... 0.25 watt Power Rating - Audio 45 mm ..... 0.125 watt 60 & 100 mm................0.25 watt Slider Noise ......60 mV max.

### **Environmental Characteristics**

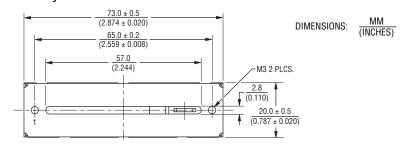
#### **Mechanical Characteristics**

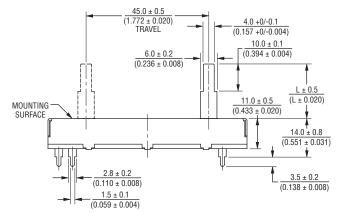
Mechanical Travel

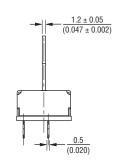
Manual ......300 °C ±5 °C for 3 sec. Wave .....260 °C ±5 °C for 5 sec. Wash .....Not recommended

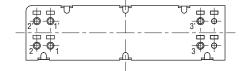
#### **Product Dimensions**

45 mm Length of Travel Lever End Style "A"

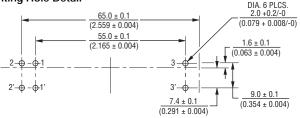




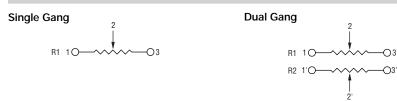




### Mounting Hole Detail



### **Schematics**





\*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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### **Applications**

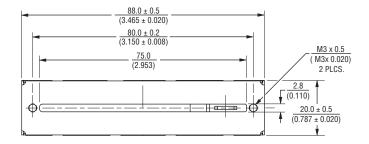
- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers

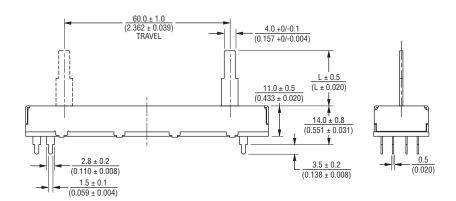
# PTF Series Long Life Slide Potentiometer

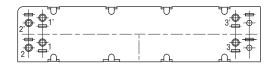
## BOURNS®

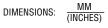
### **Product Dimensions**

60 mm Length of Travel Lever End Style "A"

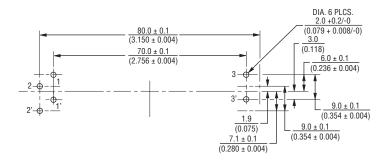








### **Mounting Hole Detail**



Specifications are subject to change without notice.

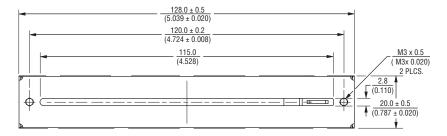
Users should verify actual device performance in their specific applications.

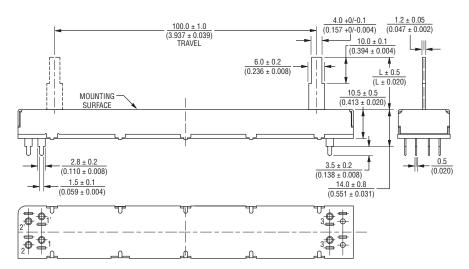
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## **BOURNS**®

### **Product Dimensions**

100 mm Length of Travel Lever End Style "A"





### **Mounting Hole Detail**

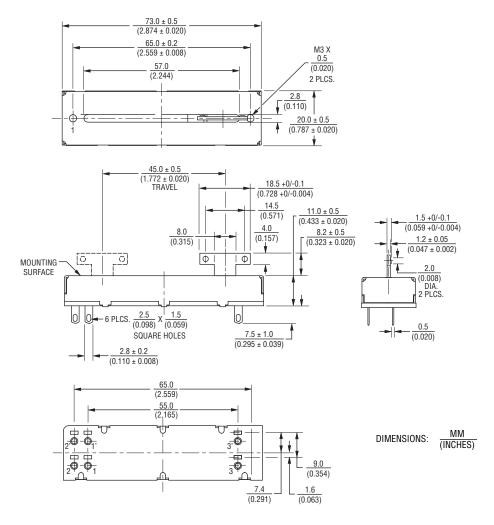


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## **BOURNS**®

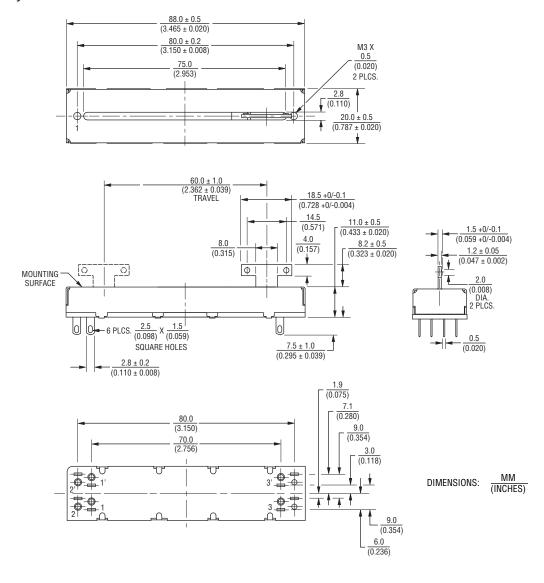
### **Product Dimensions**

45 mm Length of Travel Lever End Style "T"



### **Product Dimensions**

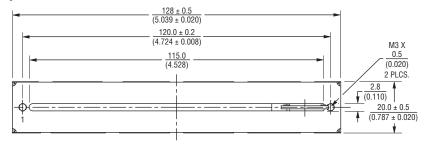
60 mm Length of Travel Lever End Style "T"

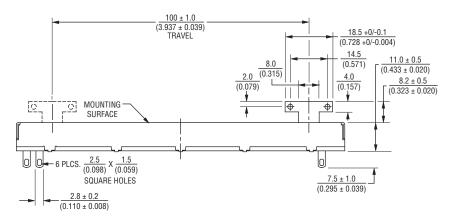


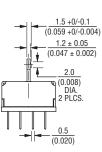
## **BOURNS**®

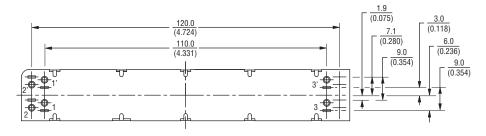
### **Product Dimensions**

100 mm Length of Travel Lever End Style "T"





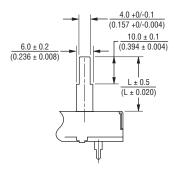




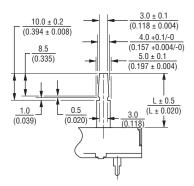
DIMENSIONS:  $\frac{MM}{(INCHES)}$ 

### BOURNS

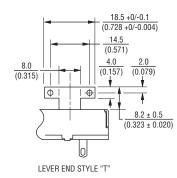
### **Lever End Styles**



LEVER END STYLE "A"

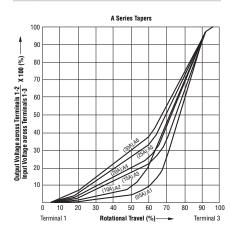


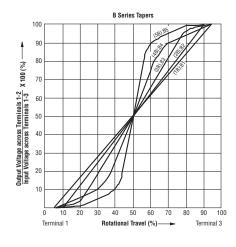
LEVER END STYLE "B"

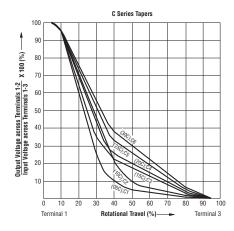


Lever Length (A & B Lever Only) 15.0 (.591)20.0 (.787)

### **Tapers**



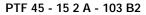


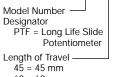


### **Standard Resistance Table**

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

### **How To Order**





60 = 60 mm01 = 100 mm

Lever Length

08 = 8.2 mm ("T" Lever Only) 15 = 15 mm ("A" & "B" Lever Only)

20 = 20 mm ("A" & "B" Lever Only)

No. of Gangs

1 = Single Gang with PC Pins 2 = Dual Gang with PC Pins 3 = Single Gang with Solder Lugs

4 = Dual Gang with Solder Lugs

Lever End Style

A = Metal Lever (Refer to Drawing)

B = Metal Lever (Refer to Drawing)

T = Metal Lever (Refer to Drawing)

Resistance Code

(See Standard Resistance Table)

Resistance Taper (See Taper Charts)

Taper Series followed by Curve Number

REV. 10/19

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