

Features

- Carbon element
- Insulated shaft
- Snap-in clip
- Center detent
- Center tap option
- Assorted pin layouts

- Dual gang option
- Various taper options

PTV/PTT Series - 12 mm Potentiometer

Electrical Characteristics

Environmental Characteristics

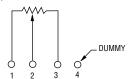
Operating Temperature

Mechanical Characteristics

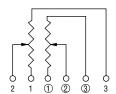
......300 °C max. within 3 seconds
Hardware One flat washer and
mounting nut supplied per
potentiometer with bushing

Electrical Diagrams

MODEL PTV 111



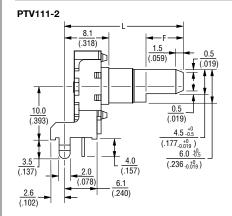
MODEL PTV 112

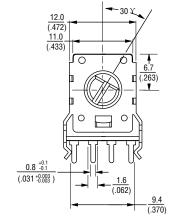


MODEL PTT 111

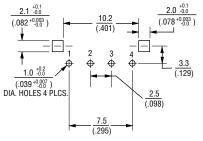


Product Dimensions





RECOMMENDED PCB LAYOUT

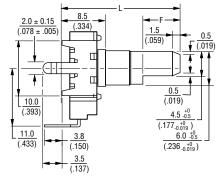


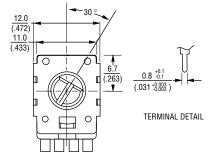
SHAFT SHOWN IN CCW POSITION

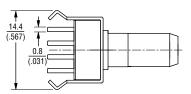
Dimensions Without Bushing

L	<u>15</u> (.591)	20 (.787)	22.5 (.886)	25 (.984)	27.5 (1.083)
F	<u>4.5</u> (.177)	<u>7</u> (.276)	<u>7</u> (.276)	<u>12</u> (.472)	<u>12</u> (.472)

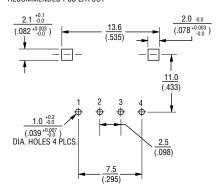
PTV111-4







RECOMMENDED PCB LAYOUT



SHAFT SHOWN IN CCW POSITION

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

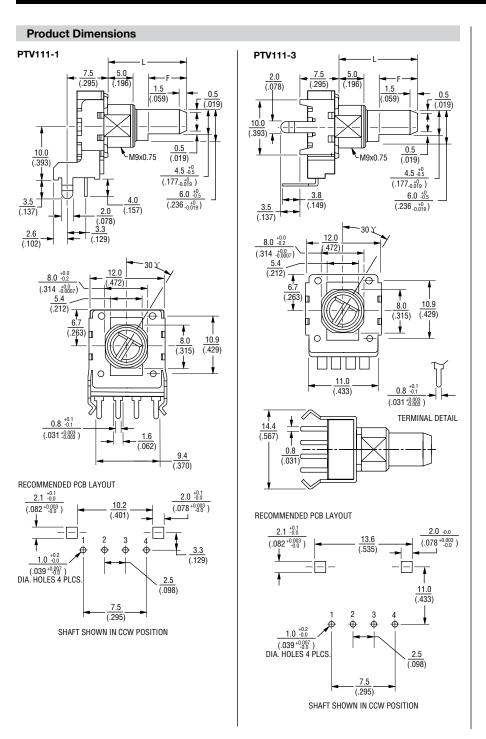
^{*}RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

Applications

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

PTV/PTT Series - 12 mm Potentiometer

BOURNS®

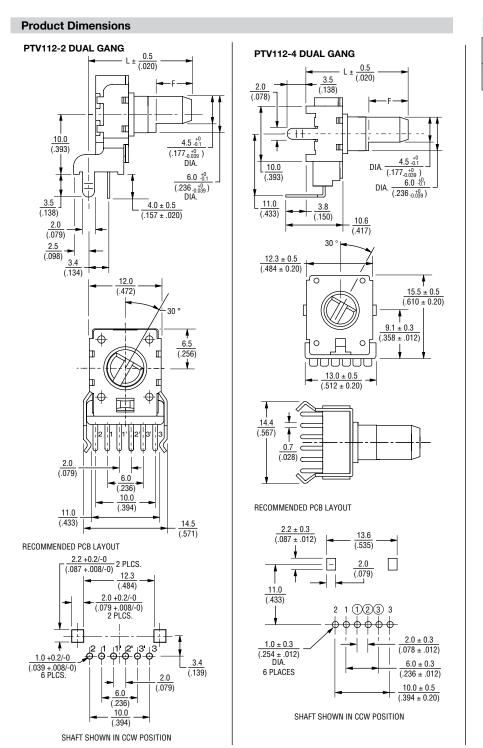


Dimensions With Bushing				
L	12.5 (.492)	<u>15</u> (.591)	17.5 (.689)	20 (.787)
F	<u>7</u> (.276)	<u>7</u> (.276)	<u>12</u> (.472)	<u>12</u> (.472)

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

PTV/PTT Series - 12 mm Potentiometer

BOURNS

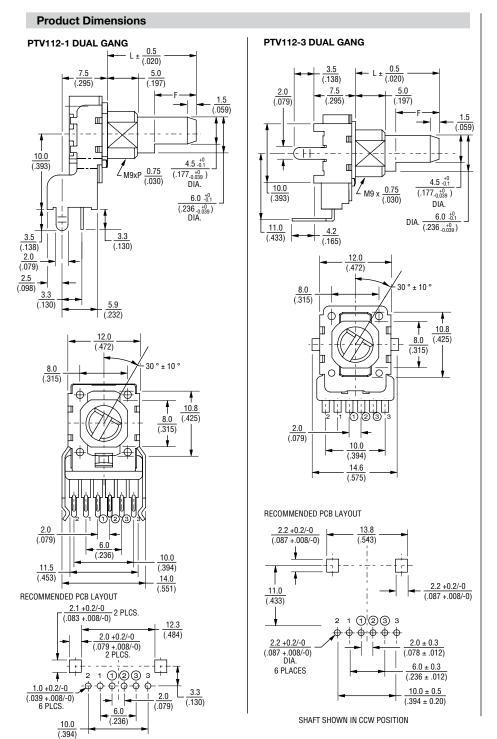


ı	Dimensions Without Bushing				
L	<u>15</u> (.591)	<u>20</u> (.787)	22.5 (.886)	25 (.984)	27.5 (1.083)
F	<u>4.5</u> (.177)	<u>7</u> (.276)	<u>7</u> (.276)	<u>12</u> (.472)	<u>12</u> (.472)

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

PTV/PTT Series - 12 mm Potentiometer

BOURNS



	Dimensions With Bushing				
L	<u>12.5</u> (.492)	<u>15</u> (.591)	<u>17.5</u> (.689)	<u>20</u> (.787)	
F	<u>7</u> (.276)	<u>7</u> (.276)	<u>12</u> (.472)	<u>12</u> (.472)	

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

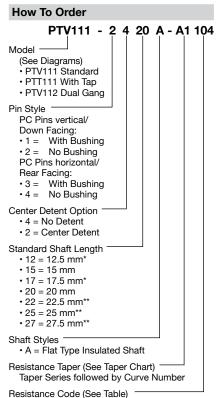
Specifications are subject to change without notice.

SHAFT SHOWN IN CCW POSITION

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

PTV/PTT Series - 12 mm Potentiometer

BOURNS



Resistance Code (See Table)

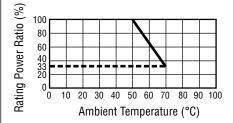
Other styles available.

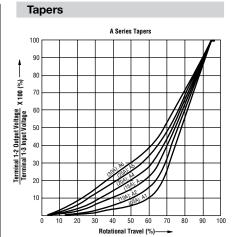
- * Available with Pin Styles 1 & 3 only.
- **Available with Pin Styles 2 & 4 only.

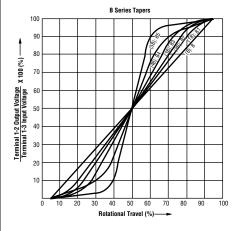
Standard Resistance Table

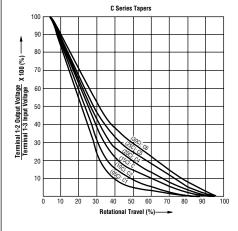
Resistance Code	
102	
202	
502	
103	
203	
503	
104	
204	
504	
105	

Derating Curve









REV. 02/17

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

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PTV111-4420A-C503 PTV112-4420A-A503 PTV112-4420A-B503 PTV111-3415A-A103 PTV111-4220A-B103 PTV111-3415A-B103 PTV111-3420A-B103 PTV111-3420A-B103 PTV111-3420A-B103 PTV111-3420A-B103 PTV111-3420A-B103 PTV111-3420A-B103 PTV111-3420A-B104 PTV111-4420A-A104 PTV111-4420A-A502 PTV111-4420A-A503 PTV111-4420A-B104 PTV111-4420A-B503 PTV111-4420A-B104 PTV111-4420A-B103 PTV111-4420A-B103 PTV111-4420A-B103 PTV111-3217A-B503 PTV111-4215A-B502 PTV111-4420A-B105 PTV111-4425A-B105 PTV111-4425A-B105 PTV111-4425A-B502 PTV112-3412A-A203 PTV112-3412A-A204 PTV112-3412A-B105 PTV111-3415A-B104 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B103 PTV111-3415A-B104 PTV111-3415A-B104 PTV111-3415A-B104 PTV111-3415A-B104 PTV111-3415A-B104 PTV112-4420A-B104 PTV112-4420A
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