

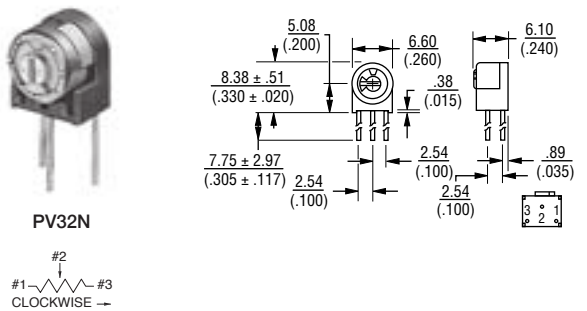
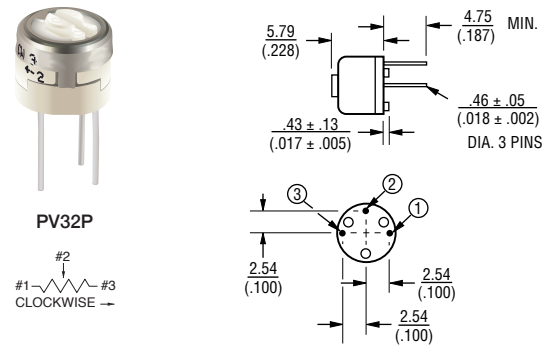
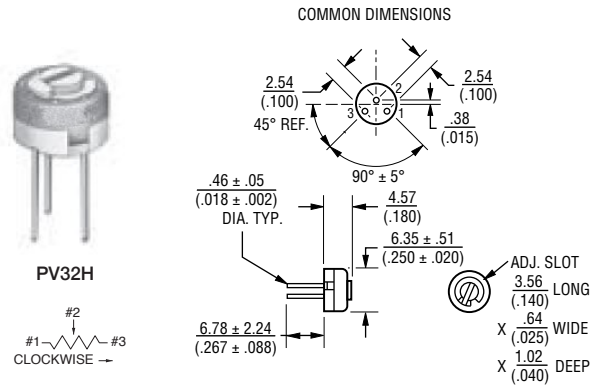
# Trimmer Potentiometers



## Lead Sealed Type Single-turn PV32 Series

### ■ Features

1. 1/4 " Round / Single-turn / Cermet / Sealed
2. Flammability: UL 94V-0
3. RoHS compliant\*
4. For trimmer applications/processing guidelines, [click here](#)



DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$   
TOLERANCES:  $\pm \frac{0.25}{(.010)}$  EXCEPT WHERE NOTED



\*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.  
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Users should verify actual device performance in their specific applications.

## Top Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Mechanical Rotation Angle	Total Resistance Value	TCR (ppm/°C)
PV32H100A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10 ohm ±20 %	±100
PV32H200A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20 ohm ±20 %	±100
PV32H500A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50 ohm ±20 %	±100
PV32H101A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100 ohm ±20 %	±100
PV32H201A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200 ohm ±20 %	±100
PV32H251A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250 ohm ±20 %	±100
PV32H501A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500 ohm ±20 %	±100
PV32H102A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1k ohm ±20 %	±100
PV32H202A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2k ohm ±20 %	±100
PV32H252A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2.5k ohm ±20 %	±100
PV32H502A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	5k ohm ±20 %	±100
PV32H103A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10k ohm ±20 %	±100
PV32H203A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20k ohm ±20 %	±100
PV32H253A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	25k ohm ±20 %	±100
PV32H503A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50k ohm ±20 %	±100
PV32H104A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100k ohm ±20 %	±100
PV32H204A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200k ohm ±20 %	±100
PV32H254A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250k ohm ±20 %	±100
PV32H504A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500k ohm ±20 %	±100
PV32H105A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1M ohm ±20 %	±100

PV32P100A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10 ohm ±20 %	±100
PV32P200A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20 ohm ±20 %	±100
PV32P500A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50 ohm ±20 %	±100
PV32P101A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100 ohm ±20 %	±100
PV32P201A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200 ohm ±20 %	±100
PV32P251A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250 ohm ±20 %	±100
PV32P501A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500 ohm ±20 %	±100
PV32P102A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1k ohm ±20 %	±100
PV32P202A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2k ohm ±20 %	±100
PV32P252A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2.5k ohm ±20 %	±100
PV32P502A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	5k ohm ±20 %	±100
PV32P103A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10k ohm ±20 %	±100
PV32P203A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20k ohm ±20 %	±100
PV32P253A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	25k ohm ±20 %	±100
PV32P503A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50k ohm ±20 %	±100
PV32P104A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100k ohm ±20 %	±100
PV32P204A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200k ohm ±20 %	±100
PV32P254A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250k ohm ±20 %	±100
PV32P504A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500k ohm ±20 %	±100
PV32P105A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1M ohm ±20 %	±100

Operating Temperature Range: -55 to 125 °C

Soldering Method: Wave (Single and Dual)

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## Side Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Mechanical Rotation Angle	Total Resistance Value	TCR (ppm/°C)
PV32N100A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10 ohm ±20 %	±100
PV32N200A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20 ohm ±20 %	±100
PV32N500A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50 ohm ±20 %	±100
PV32N101A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100 ohm ±20 %	±100
PV32N201A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200 ohm ±20 %	±100
PV32N251A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250 ohm ±20 %	±100
PV32N501A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500 ohm ±20 %	±100
PV32N102A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1k ohm ±20 %	±100
PV32N202A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2k ohm ±20 %	±100
PV32N252A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	2.5k ohm ±20 %	±100
PV32N502A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	5k ohm ±20 %	±100
PV32N103A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	10k ohm ±20 %	±100
PV32N203A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	20k ohm ±20 %	±100
PV32N253A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	25k ohm ±20 %	±100
PV32N503A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	50k ohm ±20 %	±100
PV32N104A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	100k ohm ±20 %	±100
PV32N204A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	200k ohm ±20 %	±100
PV32N254A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	250k ohm ±20 %	±100
PV32N504A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	500k ohm ±20 %	±100
PV32N105A0xB00	0.5 (70 °C)	1 (240 ° ±5°)	260 ° ±5 °	1M ohm ±20 %	±100

Operating Temperature Range: -55 to 125 °C

Soldering Method: Wave (Single and Dual)

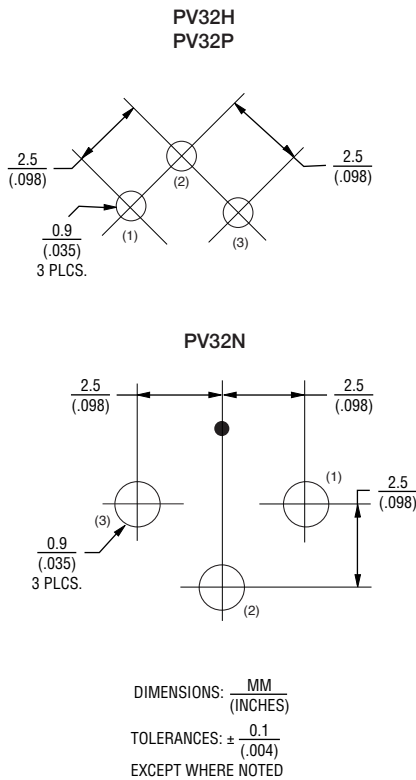
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### Standard Mounting Holes



### Typical Part Marking

#### 3-Digit Date Code and Manufacturing Code

- First digit indicates year of manufacture;
- Last two digits indicate week of manufacture;
- 4th digit is suffix for manufacturing location:  
C = Costa Rica

Example:

604C = Manufactured in 2016, week 4,  
Costa Rica

#### Resistance Code

- Resistance code marking as shown in the *Part Numbering Resistance Table*.

### Part Numbering

Product ID **PV 32 P 103 A01 B00**  
 PV = Trimming Potentiometer  
 Series 32 = Lead Sealed 6 mm Round Single-turn  
 Adjustment Direction/Lead Type  
 H = Top, Triangle  
 P = Top, Triangle  
 N = Side, Triangle

Total Resistance  
 Expressed by three figures.  
 The first and second figures are significant digits;  
 the third figure expresses the number of zeros  
 that follow.

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
<b>100</b>	<b>101</b>
<b>200</b>	<b>201</b>
<b>250</b>	<b>251</b>
<b>500</b>	<b>501</b>
<b>1,000</b>	<b>102</b>
<b>2,000</b>	<b>202</b>
<b>2,500</b>	<b>252</b>
<b>5,000</b>	<b>502</b>
<b>10,000</b>	<b>103</b>
<b>20,000</b>	<b>203</b>
<b>25,000</b>	<b>253</b>
<b>50,000</b>	<b>503</b>
<b>100,000</b>	<b>104</b>
200,000	204
250,000	254
500,000	504
1,000,000	105

Popular distribution resistance values listed in boldface. Special resistances available.

Individual Specification  
 A01 = Standard Type  
 A02 = 10 % Resistance Tolerance

Packaging  
 B00 = Tube (50 pcs. per tube)

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