

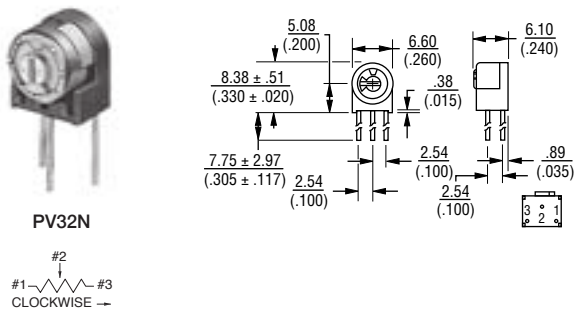
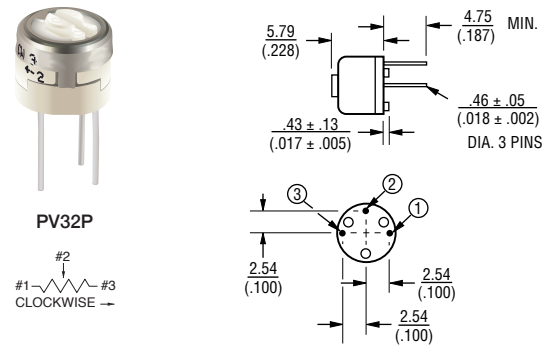
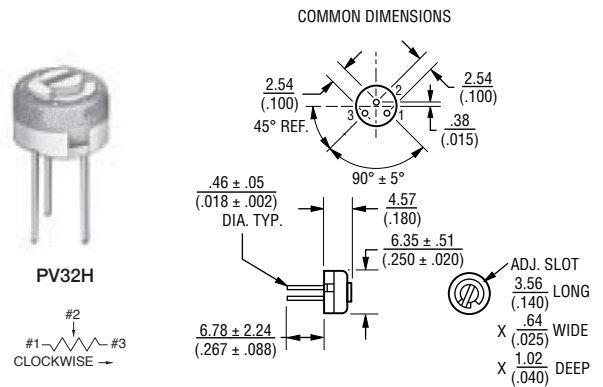
Trimmer Potentiometers



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.
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.

Top Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Mechanical Rotation Angle	Total Resistance Value	TCR (ppm/°C)
PV32H100A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10 ohm ±20 %	±100
PV32H200A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20 ohm ±20 %	±100
PV32H500A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50 ohm ±20 %	±100
PV32H101A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100 ohm ±20 %	±100
PV32H201A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200 ohm ±20 %	±100
PV32H501A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500 ohm ±20 %	±100
PV32H102A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1k ohm ±20 %	±100
PV32H202A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	2k ohm ±20 %	±100
PV32H502A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	5k ohm ±20 %	±100
PV32H103A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10k ohm ±20 %	±100
PV32H203A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20k ohm ±20 %	±100
PV32H253A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	25k ohm ±20 %	±100
PV32H503A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50k ohm ±20 %	±100
PV32H104A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100k ohm ±20 %	±100
PV32H204A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200k ohm ±20 %	±100
PV32H254A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	250k ohm ±20 %	±100
PV32H504A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500k ohm ±20 %	±100
PV32H105A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1M ohm ±20 %	±100

PV32P100A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10 ohm ±20 %	±100
PV32P200A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20 ohm ±20 %	±100
PV32P500A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50 ohm ±20 %	±100
PV32P101A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100 ohm ±20 %	±100
PV32P201A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200 ohm ±20 %	±100
PV32P501A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500 ohm ±20 %	±100
PV32P102A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1k ohm ±20 %	±100
PV32P202A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	2k ohm ±20 %	±100
PV32P502A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	5k ohm ±20 %	±100
PV32P103A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10k ohm ±20 %	±100
PV32P203A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20k ohm ±20 %	±100
PV32P253A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	25k ohm ±20 %	±100
PV32P503A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50k ohm ±20 %	±100
PV32P104A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100k ohm ±20 %	±100
PV32P204A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200k ohm ±20 %	±100
PV32P254A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	250k ohm ±20 %	±100
PV32P504A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500k ohm ±20 %	±100
PV32P105A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1M ohm ±20 %	±100

Operating Temperature Range: -55 to 125 °C

Soldering Method: Wave (Single and Dual)

Side Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Mechanical Rotation Angle	Total Resistance Value	TCR (ppm/°C)
PV32N100A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10 ohm ±20 %	±100
PV32N200A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20 ohm ±20 %	±100
PV32N500A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50 ohm ±20 %	±100
PV32N101A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100 ohm ±20 %	±100
PV32N201A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200 ohm ±20 %	±100
PV32N501A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500 ohm ±20 %	±100
PV32N102A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1k ohm ±20 %	±100
PV32N202A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	2k ohm ±20 %	±100
PV32N502A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	5k ohm ±20 %	±100
PV32N103A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	10k ohm ±20 %	±100
PV32N203A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	20k ohm ±20 %	±100
PV32N253A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	25k ohm ±20 %	±100
PV32N503A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	50k ohm ±20 %	±100
PV32N104A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	100k ohm ±20 %	±100
PV32N204A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	200k ohm ±20 %	±100
PV32N254A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	250k ohm ±20 %	±100
PV32N504A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	500k ohm ±20 %	±100
PV32N105A01B00	0.5 (70 °C)	1 (235 ° ±5°)	270 ° ±5 °	1M ohm ±20 %	±100

Operating Temperature Range: -55 to 125 °C

Soldering Method: Wave (Single and Dual)

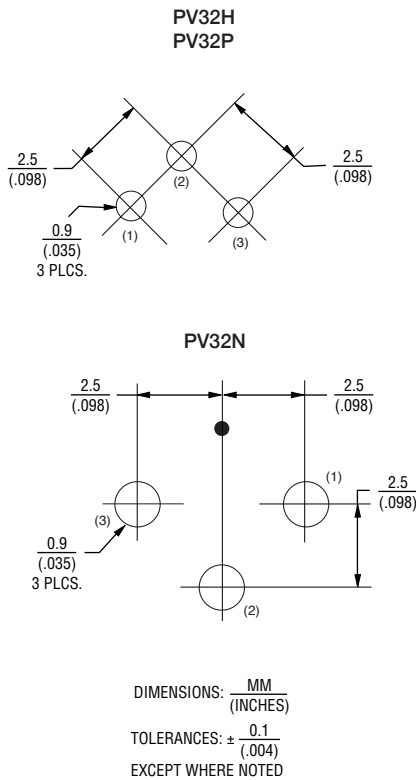
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Standard Mounting Holes



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

PV 32 P 103 A01 B00

Product ID _____
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
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
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

Packaging _____
B00 = Tube (50 pcs. per tube)

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Authorized Distributor

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[PV32H502A01B00](#) [PV32H500A01B00](#) [PV32H504A01B00](#) [PV32H503A01B00](#) [PV32H505A01B00](#)
[PV32H501A01B00](#) [PV32H105A01B00](#) [PV32H101A01B00](#) [PV32H103A01B00](#) [PV32H102A01B00](#) [PV32H104A01B00](#)
[PV32H100A01B00](#) [PV32H200A01B00](#) [PV32H204A01B00](#) [PV32H202A01B00](#) [PV32H205A01B00](#)
[PV32H201A01B00](#) [PV32H203A01B00](#) [PV32P202A01B00](#) [PV32P204A01B00](#) [PV32P200A01B00](#) [PV32P203A01B00](#)
[PV32P201A01B00](#) [PV32P205A01B00](#) [PV32P500A01B00](#) [PV32P504A01B00](#) [PV32P502A01B00](#)
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