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Trimmer Potentiometers

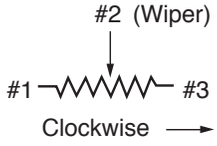
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Lead Sealed Type Multiturn PV36 Series

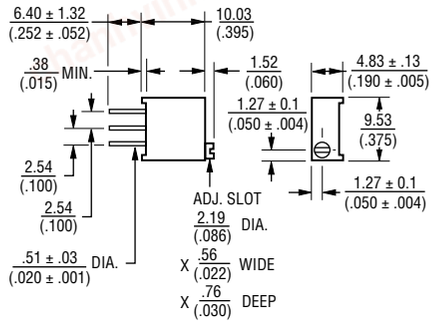
PV36 Series

■ Features

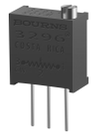
1. Multiturn / Cermet / Sealed
2. Available in both top and side adjustment
3. Standoffs allow thorough PC board washing
4. Chevron seal design
5. RoHS compliant*
6. For trimmer applications/processing guidelines, click here

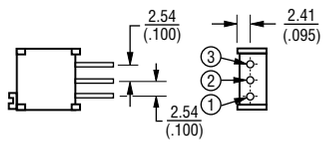


COMMON DIMENSIONS

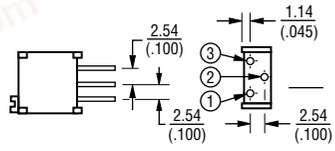


PV36W



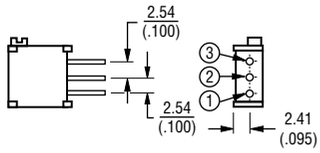


PV36Y

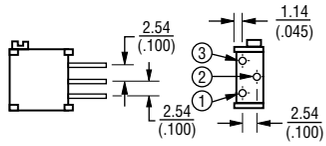


PV36X



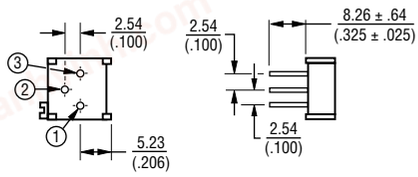


PV36Z



PV36P





DIMENSIONS: MM / (INCHES)

TOLERANCES: ± 0.25 / (.010) EXCEPT WHERE NOTED

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*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
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Top Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Total Resistance Value	TCR (ppm/°C)
PV36W100C01B00	0.5 (70 °C)	25	10 ohm ±10 %	±150
PV36W200C01B00	0.5 (70 °C)	25	20 ohm ±10 %	±150
PV36W500C01B00	0.5 (70 °C)	25	50 ohm ±10 %	±150
PV36W101C01B00	0.5 (70 °C)	25	100 ohm ±10 %	±150
PV36W201C01B00	0.5 (70 °C)	25	200 ohm ±10 %	±100
PV36W501C01B00	0.5 (70 °C)	25	500 ohm ±10 %	±100
PV36W102C01B00	0.5 (70 °C)	25	1k ohm ±10 %	±100
PV36W202C01B00	0.5 (70 °C)	25	2k ohm ±10 %	±100
PV36W502C01B00	0.5 (70 °C)	25	5k ohm ±10 %	±100
PV36W103C01B00	0.5 (70 °C)	25	10k ohm ±10 %	±100
PV36W203C01B00	0.5 (70 °C)	25	20k ohm ±10 %	±100
PV36W253C01B00	0.5 (70 °C)	25	25k ohm ±10 %	±100
PV36W503C01B00	0.5 (70 °C)	25	50k ohm ±10 %	±100
PV36W104C01B00	0.5 (70 °C)	25	100k ohm ±10 %	±100
PV36W204C01B00	0.5 (70 °C)	25	200k ohm ±10 %	±100
PV36W254C01B00	0.5 (70 °C)	25	250k ohm ±10 %	±100
PV36W504C01B00	0.5 (70 °C)	25	500k ohm ±10 %	±100
PV36W105C01B00	0.5 (70 °C)	25	1M ohm ±10 %	±100
PV36W205C01B00	0.5 (70 °C)	25	2M ohm ±10 %	±100
PV36Y100C01B00	0.5 (70 °C)	25	10 ohm ±10 %	±150
PV36Y200C01B00	0.5 (70 °C)	25	20 ohm ±10 %	±150
PV36Y500C01B00	0.5 (70 °C)	25	50 ohm ±10 %	±150
PV36Y101C01B00	0.5 (70 °C)	25	100 ohm ±10 %	±150
PV36Y201C01B00	0.5 (70 °C)	25	200 ohm ±10 %	±100
PV36Y501C01B00	0.5 (70 °C)	25	500 ohm ±10 %	±100
PV36Y102C01B00	0.5 (70 °C)	25	1k ohm ±10 %	±100
PV36Y202C01B00	0.5 (70 °C)	25	2k ohm ±10 %	±100
PV36Y502C01B00	0.5 (70 °C)	25	5k ohm ±10 %	±100
PV36Y103C01B00	0.5 (70 °C)	25	10k ohm ±10 %	±100
PV36Y203C01B00	0.5 (70 °C)	25	20k ohm ±10 %	±100
PV36Y253C01B00	0.5 (70 °C)	25	25k ohm ±10 %	±100
PV36Y503C01B00	0.5 (70 °C)	25	50k ohm ±10 %	±100
PV36Y104C01B00	0.5 (70 °C)	25	100k ohm ±10 %	±100
PV36Y204C01B00	0.5 (70 °C)	25	200k ohm ±10 %	±100
PV36Y254C01B00	0.5 (70 °C)	25	250k ohm ±10 %	±100
PV36Y504C01B00	0.5 (70 °C)	25	500k ohm ±10 %	±100
PV36Y105C01B00	0.5 (70 °C)	25	1M ohm ±10 %	±100
PV36Y205C01B00	0.5 (70 °C)	25	2M ohm ±10 %	±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)	Total Resistance Value	TCR (ppm/°C)
PV36X100C01B00	0.5 (70 °C)	25	10 ohm ±10 %	±150
PV36X200C01B00	0.5 (70 °C)	25	20 ohm ±10 %	±150
PV36X500C01B00	0.5 (70 °C)	25	50 ohm ±10 %	±150
PV36X101C01B00	0.5 (70 °C)	25	100 ohm ±10 %	±150
PV36X201C01B00	0.5 (70 °C)	25	200 ohm ±10 %	±100
PV36X501C01B00	0.5 (70 °C)	25	500 ohm ±10 %	±100
PV36X102C01B00	0.5 (70 °C)	25	1k ohm ±10 %	±100
PV36X202C01B00	0.5 (70 °C)	25	2k ohm ±10 %	±100
PV36X502C01B00	0.5 (70 °C)	25	5k ohm ±10 %	±100
PV36X103C01B00	0.5 (70 °C)	25	10k ohm ±10 %	±100
PV36X203C01B00	0.5 (70 °C)	25	20k ohm ±10 %	±100
PV36X253C01B00	0.5 (70 °C)	25	25k ohm ±10 %	±100
PV36X503C01B00	0.5 (70 °C)	25	50k ohm ±10 %	±100
PV36X104C01B00	0.5 (70 °C)	25	100k ohm ±10 %	±100
PV36X204C01B00	0.5 (70 °C)	25	200k ohm ±10 %	±100
PV36X254C01B00	0.5 (70 °C)	25	250k ohm ±10 %	±100
PV36X504C01B00	0.5 (70 °C)	25	500k ohm ±10 %	±100
PV36X105C01B00	0.5 (70 °C)	25	1M ohm ±10 %	±100
PV36X205C01B00	0.5 (70 °C)	25	2M ohm ±10 %	±100
PV36P100C01B00	0.5 (70 °C)	25	10 ohm ±10 %	±150
PV36P200C01B00	0.5 (70 °C)	25	20 ohm ±10 %	±150
PV36P500C01B00	0.5 (70 °C)	25	50 ohm ±10 %	±150
PV36P101C01B00	0.5 (70 °C)	25	100 ohm ±10 %	±150
PV36P201C01B00	0.5 (70 °C)	25	200 ohm ±10 %	±100
PV36P501C01B00	0.5 (70 °C)	25	500 ohm ±10 %	±100
PV36P102C01B00	0.5 (70 °C)	25	1k ohm ±10 %	±100
PV36P202C01B00	0.5 (70 °C)	25	2k ohm ±10 %	±100
PV36P502C01B00	0.5 (70 °C)	25	5k ohm ±10 %	±100
PV36P103C01B00	0.5 (70 °C)	25	10k ohm ±10 %	±100
PV36P203C01B00	0.5 (70 °C)	25	20k ohm ±10 %	±100
PV36P253C01B00	0.5 (70 °C)	25	25k ohm ±10 %	±100
PV36P503C01B00	0.5 (70 °C)	25	50k ohm ±10 %	±100
PV36P104C01B00	0.5 (70 °C)	25	100k ohm ±10 %	±100
PV36P204C01B00	0.5 (70 °C)	25	200k ohm ±10 %	±100
PV36P254C01B00	0.5 (70 °C)	25	250k ohm ±10 %	±100
PV36P504C01B00	0.5 (70 °C)	25	500k ohm ±10 %	±100
PV36P105C01B00	0.5 (70 °C)	25	1M ohm ±10 %	±100
PV36P205C01B00	0.5 (70 °C)	25	2M ohm ±10 %	±100
PV36Z100C01B00	0.5 (70 °C)	25	10 ohm ±10 %	±150
PV36Z200C01B00	0.5 (70 °C)	25	20 ohm ±10 %	±150
PV36Z500C01B00	0.5 (70 °C)	25	50 ohm ±10 %	±150
PV36Z101C01B00	0.5 (70 °C)	25	100 ohm ±10 %	±150
PV36Z201C01B00	0.5 (70 °C)	25	200 ohm ±10 %	±100
PV36Z501C01B00	0.5 (70 °C)	25	500 ohm ±10 %	±100
PV36Z102C01B00	0.5 (70 °C)	25	1k ohm ±10 %	±100
PV36Z202C01B00	0.5 (70 °C)	25	2k ohm ±10 %	±100
PV36Z502C01B00	0.5 (70 °C)	25	5k ohm ±10 %	±100
PV36Z103C01B00	0.5 (70 °C)	25	10k ohm ±10 %	±100
PV36Z203C01B00	0.5 (70 °C)	25	20k ohm ±10 %	±100
PV36Z253C01B00	0.5 (70 °C)	25	25k ohm ±10 %	±100
PV36Z503C01B00	0.5 (70 °C)	25	50k ohm ±10 %	±100
PV36Z104C01B00	0.5 (70 °C)	25	100k ohm ±10 %	±100
PV36Z204C01B00	0.5 (70 °C)	25	200k ohm ±10 %	±100
PV36Z254C01B00	0.5 (70 °C)	25	250k ohm ±10 %	±100
PV36Z504C01B00	0.5 (70 °C)	25	500k ohm ±10 %	±100
PV36Z105C01B00	0.5 (70 °C)	25	1M ohm ±10 %	±100
PV36Z205C01B00	0.5 (70 °C)	25	2M ohm ±10 %	±100

Operating Temperature Range: -55 to +125 °C Soldering Method: Wave (Single and Dual)

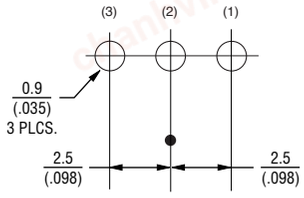
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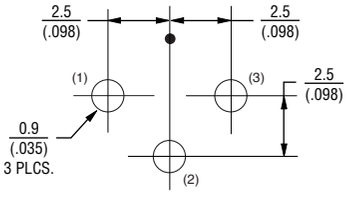
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Standard Mounting Holes

PV36W
PV36X



PV36Y
PV36Z
PV36P



DIMENSIONS: MM (INCHES)

TOLERANCES: ± 0.1 (.004) EXCEPT WHERE NOTED

Characteristics

Temperature Cycle	ΔTR : ±2% ΔV.S.S.: ±1%
Humidity	ΔTR : ±2% IR : 100M ohm min.
Vibration (20G)	ΔTR : ±1% ΔV.S.S.: ±1%
Shock (100G)	ΔTR : ±1% ΔV.S.S.: ±1%
Temperature Load Life	ΔTR : ±3% ΔV.S.S.: ±1%
Low Temperature Exposure	ΔTR : ±2% ΔV.S.S.: ±1%
High Temperature Exposure	ΔTR : ±3% ΔV.S.S.: ±1%
Rotational Life	ΔTR : RV 1k ohm, RU 500k ohm ··· ±5% 1k ohmF RF 500k ohm ··· ±3% (200 cycles)

ΔTR : Total Resistance Change
ΔV.S.S.: Voltage Setting Stability
IR : Insulation Resistance
R : Standard Total Resistance

Part Numbering

PV 36 W 103 C01 B00

Product ID
PV = Trimming Potentiometer

Series
36 = Lead Sealed 10 mm Square, 25-Turns

Adjustment Direction/Lead Type
W = Top, Inline
Y = Top, Triangle
X = Side, Inline
Z = Top, Triangle
P = 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**
2,000,000	**205**

Popular values listed in boldface. Special resistances available.

Individual Specification
C01 = Standard Type

Packaging
B00 = Tube (50 pcs. per tube)

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.*

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