

Trimmer Potentiometers



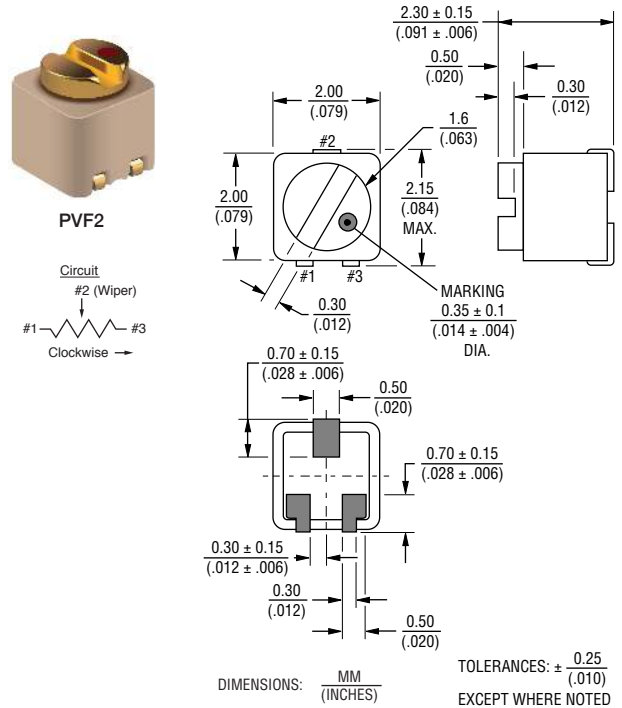
SMD Sealed Type Single-Turn PVF2 Series

Features

1. Surface Mount 2 mm Square / Single-turn / Carbon / Sealed
2. Available in top adjustment style
3. RoHS compliant*
4. For trimmer applications/processing guidelines, [click here](#)

Applications

1. Hearing aids
2. Ultra-compact sensors

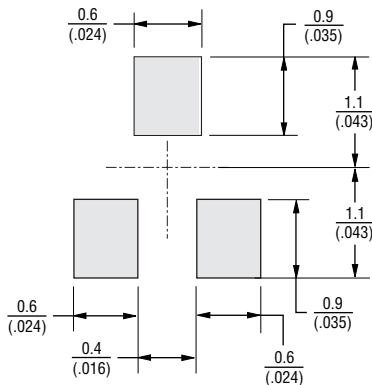


Top Adjustment

Part Number	Power Rating (W)	Number of Turns (Effective Rotation Angle)	Total Resistance Value	TCR (ppm/°C)
PVF2A204A1xR0x	0.0001 (50 °C)	1	200k ohms ±10 %	±500

Operating Temperature Range: -25 to +60 °C
Soldering Method: Forced Hot Air, Convection, IR, Vapor Phase (In-Line)

Standard Land Pattern



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
TOLERANCES: $\pm \frac{0.1}{(0.004)}$
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.

■ Characteristics

Temperature Cycle	ΔTR : $\pm 5\%$
Humidity	ΔTR : $+15\%/-2\%$
Vibration (20G)	ΔTR : $\pm 5\%$
Shock (100G)	ΔTR : $\pm 5\%$
Temperature Load Life	ΔTR : $+2\%/-10\%$
Low Temperature Exposure	ΔTR : $\pm 3\%$
Rotational Life	ΔTR : $\pm 10\%$ (100 cycles)

ΔTR : Total Resistance Change

■ Part Numbering

PV F2 A 204 A1A R03

Product ID _____
 PV = Trimming Potentiometer

Series _____
 F2 = 2 mm Square, Single-turn Adjustment

Adjustment Direction/Lead Type _____
 A = Top / In-line

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
200,000	204

Individual Specification _____
 A11 = Rotor preset at midpoint (Standard)
 A1A = Rotor preset at clockwise position

Packaging _____
 R00 = Tape and Reel (500 pcs. per 7" reel)
 R03 = Tape and Reel (1500 pcs. per 7" reel)

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