

Trimmer Potentiometers



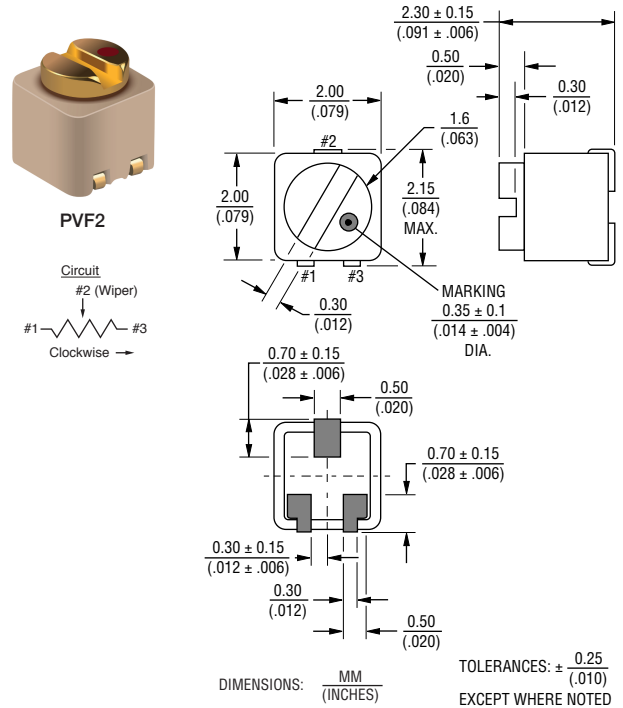
SMD Sealed Type Single-Turn PVF2 Series

■ 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

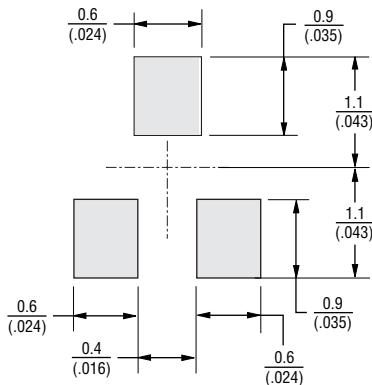


Top Adjustment

| Part Number | Power Rating (W) | Number of Turns (Effective Rotation Angle) | Total Resistance Value | TCR (ppm/°C) |
|----------------|------------------|--|------------------------|--------------|
| PVF2A204A1AR03 | 0.001 (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: MM (INCHES)
TOLERANCES: ± 0.1 (.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 | Δ TR : $\pm 5\%$ |
| Humidity | Δ TR : $+15\%/-2\%$ |
| Vibration (20G) | Δ TR : $\pm 5\%$ |
| Shock (100G) | Δ TR : $\pm 5\%$ |
| Temperature Load Life | Δ TR : $+2\%/-10\%$ |
| Low Temperature Exposure | Δ TR : $\pm 3\%$ |
| Rotational Life | Δ TR : $\pm 10\%$ (100 cycles) |

Δ TR: 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 _____

A1A = Rotor preset at clockwise position

Packaging _____

R03 = Tape and Reel (1500 pcs. per 7" reel)

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