

TS7 Series of Compact, Sealed SMD Trimmers for Harsh Environments Delivers High Power Density in a Compact 6.7 mm x 7 mm Footprint, Offers 0.5 W Power Rating and IP67 Sealing

Product Benefits:

- Small 6.7 mm by 7 mm by 5 mm size optimizes packaging density
- Fully sealed to withstand standard board wash processing
- 0.5 W power rating at +70 °C
- Available in both top and side adjustment styles, providing flexibility for various design requirements
- Wide ohmic range from 10 Ω to 2 M Ω to meet diverse application needs



Market Applications:

- Setting reference voltage in power supplies, tuning the frequency of oscillators, and adjusting the sensitivity of sensors in industrial controls, welding equipment, robotics, power tools, and cooling systems; smoke detectors; and telecom radios

The News:

Vishay Intertechnology introduces its new TS7 series of single-turn, surface-mount cermet trimmers. The TS7 trimmers feature a compact 6.7 mm x 7 mm footprint with a height of 5 mm, making them ideal for applications requiring optimized board space in harsh environments.

- Supports automated assembly and setting processes, enhancing production efficiency while reducing both time and costs
- Ensures reliability in demanding industrial, consumer, and telecom environments

The Key Specifications:

- Maximum power at +70 °C: 0.5 W
- Standard resistance values: 10 Ω to 2 M Ω
- Maximum working voltage: 300 V
- Maximum operating temperature: -55 °C / + 125 °C
- Typical TCR: \pm 100 ppm/°C

Availability:

Samples and production quantities of the TS7 series are available now, with lead times of 17 weeks.

To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?51094> (TS7)

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