

PICO

Electronics, Inc.

AUDIO TRANSFORMERS

MISSION-CRITICAL AUDIO. UNCOMPROMISING RELIABILITY.

Pico Electronics Audio Transformers are precision-engineered for military and aerospace applications, delivering exceptional signal integrity, isolation, and reliability in mission-critical environments. They provide **galvanic isolation**, **impedance matching**, and **noise suppression** to ensure clear, interference-free communication and signal transmission. Built with rugged materials and precision winding techniques, our Audio Transformers maintain performance under extreme conditions of **vibration**, **temperature**, and **electromagnetic stress**, making them ideal for use in avionics, communication systems, radar, and defense-grade audio equipment.



Avionics Flight Controls

Built to military and aerospace standards, these Audio Transformers offer lightweight construction, wide temperature tolerance, and proven resilience against vibration and altitude extremes. Unmatched in applications such as **cockpit voice recording**, **navigation**, **radar**, and **electronic warfare equipment**.



Communication Systems

On spacecraft, space and mass are at a premium, these Audio Transformers offer the highest reliability required of space-bound components. Perfect for use in **satellites**, **extraterrestrial rovers**, and **ground control systems**. They are trusted in air, proven in performance.

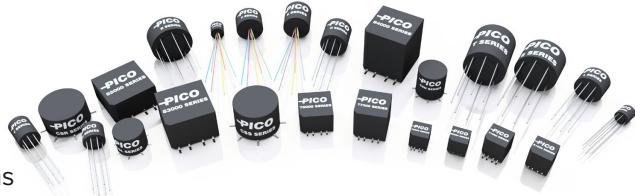


Sensors and Radars

Whether it is a **navigation sensor** on an aircraft, a **tachometer** on a ship or a **ground-based radar**, these Audio Transformers maintain signal integrity and excellent isolation against noise. They are optimal for mission-critical operations.

Audio Transformers Series Listing >

- 15mW to 2W device power rating
- Size as small as 0.25" x 0.25"
- Wide range of impedance matching and turns ratio options
- 20Hz to 250KHz (± 3 dB response) operating frequency range
- Round package SMT, square package SMT, through hole plug-ins, and flexible insulated leads mounting types



Series F, G, 70000 & 80000 >

≤ 100mW at 400Hz to 250KHz

Series W, 71000 & 81000 >

≤ 400 mW at 400Hz to 100KHz

Series L, P, 76000 & CSL >

≤ 600mW at 300Hz to 75KHz

Series Y >

≤ 600mW at 300Hz to 100KHz

Series N, K, 77000 & CSN >

≤ 1W at 150Hz to 75KHz

Series R, 82000 & CSR >

≤ 1.5W at 75Hz to 30KHz

Series S, 83000 & CSS >

≤ 2W at 50Hz to 30KHz

Series T & 84000 >

≤ 3W at 20Hz to 25KHz

Series 78000 >

≤ 400 mW at 300Hz to 200KHz

Contact Us

Need a audio transformer solution that doesn't compromise on size or reliability? Visit our website or contact our team of engineering experts today to discuss your project requirements.



Certified to
AS9100D
ISO 9001:2015



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