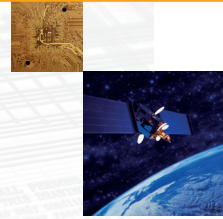


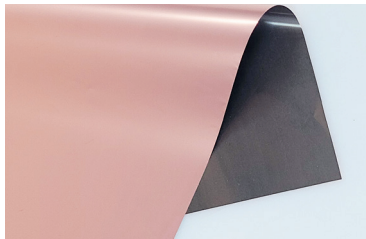
Thin-film Embedded Resistors for Performance in Mission-Critical Applications



Integrated Thin Film Resistor

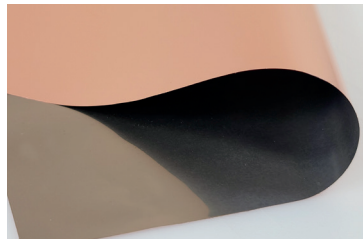
Ohmega Ticer have been the trusted go-to resource for embedded resistor foils by customer design engineers and systems designers for over 50 years. Our company and products are depended upon for delivering high quality, long-term reliability, continuous product innovation, design support and versatility. The products are widely used across mission-critical electronics to remove SMT resistors from the surface of the PCB and integrate the resistive elements within signal traces or features on the inner layers of the printed circuit board.

Featured Products



OhmegaPly RCM®

- > Sheet Resistivities Available (Ω / \square)
- > 10, 25, 40, 50, 100, 250, 377

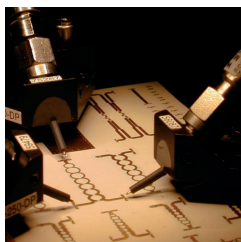


TCR® | TCR-EHF®

- > Sheet Resistivities Available (Ω / \square)
- > 25, 50, 100, 250, 1000

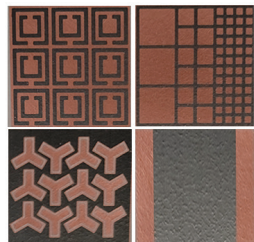
Embedded thin film resistor foils act like a resistive “blank slate” which enables design engineers to create innovative, robust, and feature-rich circuits utilizing embedded passive technology in modern electronic systems.

Common Use & Application



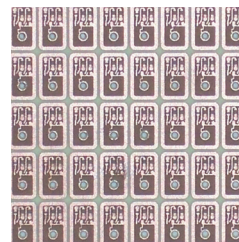
Balancing Resistor for Wilkinson Structures

- > AESA Antenna



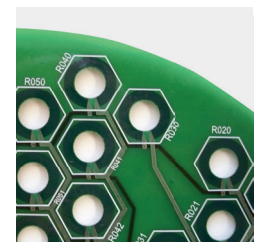
Frequency Select Surfaces / Resistive Cards

- > Electromagnetic Absorption



Discrete Resistors for Miniaturization

- > Packaging Technology



Resistive Elements

- > Customizable Circuit Foil Heaters



Ohmega Ticer work closely with OEM engineers, PCB laminate suppliers and PCB fabricators globally enabling customers to utilize the full capabilities of our products and technology to deliver unique solutions for SWaP, reliability improvement and reducing the overall cost of traditional SMT and PCB packaging applications.

Design

By collaborating closely with customers in the early stages of system and PCB design, Ohmega Ticer ensure engineers make well informed choices and fully understand the tradeoffs necessary to take full advantage of our product benefits. We offer design guidance, engineering simulation data, resistor sizing and power calculators, laminate, and copper foil expertise.



Manufacturing

Ohmega Ticer products are produced in three locations in the USA. Our experienced technicians and employees produce sputtered and plated copper foil products utilizing stringent process and quality controls to yield consistent ohmic values (ohms per square) and finished sheet and roll products with tight tolerance sheet to sheet and roll to roll. Our operational expertise has enabled our products to perform continuously for billions of hours across millions of devices in Defense, Aeronautical, Space and Consumer electronic applications.



Testing

Close collaboration with copper foil suppliers, laminate manufacturers, and PCB fabricators to test and qualify our products ensure that our customers have the widest possible options to achieve their vision for product design and development. Our ongoing commitment to developing and testing new products, technologies and customer support ensure our thin film embedded resistor foils remain uniquely qualified to support advanced electronic designs for systems now and in the future.

