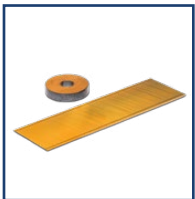




Aerospace & Defense Market Products and Applications

CTS Corporation delivers advanced materials and high-reliability electronic components to the aerospace and defense markets. Application expertise in threat detection, covert surveillance capabilities, remote vehicle capabilities, flight controls, and military communications. CTS components are engineered to perform in the most demanding environments. Trusted by leading aerospace and defense OEMs worldwide, CTS solutions help ensure reliability, precision, and long-term performance.



Piezoelectric Ceramic Devices and Components

High-performance piezoelectric materials for SONAR, fuse systems, unmanned vehicles, and a wide range of other defense applications. Our components are engineered to be compact and lightweight while delivering precise, reliable performance in harsh operating environments. More than 95% of our products are customized to meet specific customer requirements and can be produced in nearly any form factor. CTS develops bulk, multilayer, and single-crystal materials, as well as composites, sub-assemblies, and transducers.



Precision Temperature Sensors and Assemblies

CTS precision temperature sensors deliver accurate, repeatable monitoring for mission-critical aerospace and defense systems in extreme environments. Designed and tested to stringent military and aerospace standards, they perform reliably across wide temperature ranges, vibration, moisture, and space-like conditions—supporting system safety, thermal control, and long-term reliability.



Switches, Controls, and Position Sensors

CTS Switches and controls enable power control, mode selection, and system activation across ground vehicles, aircrafts, and drones. CTS builds components to last harsh long term repeatable deployments with performance over extended periods of time.



EMI and RF Filters

CTS designs high-end radio filters to either block out or filter specific frequencies for radar systems, military communications, GNSS systems and a wide variety of electronic devices. Our filters are used throughout defense systems to protect sensitive electronics, manage interference, and ensure reliable performance in contested electromagnetic environments.

Aerospace and Defense Market Applications

SONAR
Hydrophones
Target acquisition and Detection
Surface combatants
Submarines
Anti-Submarine
Sonobuoys
Torpedoes
Unmanned Underwater Vehicles (UUVs/AUVs)
Naval surveillance networks
Military Communications
Fuze Systems

Unmanned Aircrafts and Drones
Satellites
Radar and Radar Jamming
Secure Radio
Vehicles Engines and Transmissions
Naval and Military Vehicles
Aviation and Space Crafts
Missile Guidance and Propulsion
Power Systems



Precision Engineered Military Solutions

CTS Corporation has been partnering with leading military and naval manufacturers and researchers for nearly 100 years, delivering advanced materials to the aerospace and defense markets. With deep application expertise, CTS supports mission-critical defense programs with precision-engineered solutions.

Designed to perform in the most demanding operational environments, CTS components are trusted by leading aerospace and defense OEMs worldwide to ensure long-term reliability, accuracy, and performance.

Contact Information

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