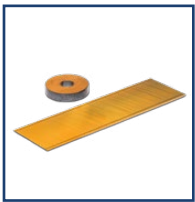




Industrial Market Products and Applications

CTS Corporation offers a variety of advanced materials and electronic components for the industrial marketplace. Serving market sectors that include industrial inkjet, commercial sonar, test and measurement equipment, HVAC, security systems, LED lighting, and more, CTS enables today's industrial market trends. These include the internet of things (IoT), increasing industrial automation and energy efficiency.



Piezoelectric Ceramic Devices and Components

Piezoelectric components enable precision motion control, sensing, vibration monitoring, and ultrasonic processing in industrial machinery—delivering higher accuracy, reliability, and efficiency in demanding manufacturing environments. CTS develops bulk, multilayer, and single-crystal materials, as well as composites, sub-assemblies, and transducers.



Precision Temperature Sensors and Assemblies

CTS sensors deliver accurate, stable temperature monitoring for demanding industrial applications such as water heating, refrigeration, and HVAC. Designed and rigorously tested for harsh conditions, they perform reliably across extreme temperatures, wet environments, continuous vibration, and electrically noisy settings. These sensors and assemblies provide precise measurements that support safe operation, energy efficiency, and long-term system performance.



Switches, Controls, and Position Sensors

CTS switches and controls enable power control, mode selection, and system activation across multiple types of industrial machines and vehicles. CTS builds components to last through harsh long-term repeatable deployments with performance over extended periods of time.



Frequency Control, EMI Filters, and RF Filters

CTS designs high-end radio filters to either block out or filter specific frequencies for clear and safe communication. Our filters are used throughout industrial systems to protect sensitive electronics, manage interference, and ensure reliable performance in contested electromagnetic environments.

Industrial 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



Advancing Industrial Manufacturing

With more than a century of experience supporting industrial manufacturing, CTS brings deep application knowledge, engineering expertise, and a commitment to long-term reliability. Since 1896, we have partnered closely with OEMs to support complex manufacturing environments.

We provide sensing, connectivity, and motion solutions designed for durability, process stability, and long product lifecycles in demanding industrial operations.

Contact Information

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