



Accelerator Pedals

Vehicle Speed Control

An accelerator pedal regulates the quantity of fuel supplied to the engine, influencing the vehicle’s speed. With over 150 Million pedals in the field, CTS is known as a leading designer and global manufacturer of accelerator pedal modules. CTS offers standard and custom state of the art solutions for the light vehicle and all other segments of the transportation market.



Contacting and Non-Contacting Technologies

CTS designs and develops both contacting and non-contacting accelerator pedal modules. Our non-contacting pedals utilize proven Hall effect and inductive technology. CTS contacting pedals utilize a traditional potentiometer system. All our pedal options have a proven track record of delivering reliable and high performance solutions for vehicle manufacturers needing an integrated electronic throttle control system.



Robust Designs for Extended Durability in Harsh Environments

CTS designs pedals that are resistant to fluid and debris intrusion and stray electromagnetic fields. This helps ensure pedal reliability and quality. All pedals are PPAP qualified and are tested to withstand most harsh environment.



Package sizes, Modularity, and Value Added Options

Choose from one of our tooled and ready for sale products or inquire about having a pedal uniquely customized for your applications. Optional features such as kick-down, sport pads and plastic or metal pedal arms, allow for the further customization our customers demand. Our pedals are can be used in Electric, hybrid or gasoline powered vehicles.

Harsh environment testing to ensure safer vehicle handling and durability

Pedal designs for various mounting styles and pedal shapes for LHD and RHD vehicles.

Custom or packaged designs to help fit any automotive design allowing for more design flexibility



Example Technical Specifications Table:

Parameter	Performance
Vibration	105 Hours, 3 Planes, 20-200 Hz
Full Stroke Cycling	3 Million Cycles, Temperature Cycles from -40°C to +85 °C
Thermal Shock	1000 Cycles, -40°C to +85 °C, 20 Minute Dwells, 60 Second Transition Time
Dust Exposure	BG4208 Test, IP5K4 Resistance Class
Salt Fog	ASTM B117, 96H

Test specifications are validated to customer specific requirements.

Years Of Automotive Experience

CTS Corporation began expanding into the automotive market in the early 1970's, when the U.S. government first issued requirements for controlling automotive emissions.

Today, we are a leading provider of sensing solutions, smart actuators, and pedals. With decades of experience and proven automotive expertise, we are proud to say we have delivered more than 150 million pedal units.

Contact Information

Contact Page
<https://www.ctscorp.com/contact>

CTS Corporation
4925 Indiana Avenue
Lisle, IL 60532
www.ctscorp.com

