



Products & Services

Who We Are



At ECT, we take pride in offering rapid and customized solutions to solve our customers manufacturing and design needs. We achieve customer satisfaction by working with you and your application from start to finish, every step of the way. We have set ourselves apart by working with quality partners and their materials, ensuring that we help you make the best decision when it comes to your application. Our extensive knowledge of understanding and using different materials puts us a step above the competition. We are committed to providing the highest quality technical support, knowledge, and manufacturing services that meet or exceed all of our customers' expectations. When you partner with us, we work together to engineer a customized solution tailored to all of your needs.

Our values shape our culture, guide our behaviors, and foster excellence.

- **Customer Advocate** - We strive to meet or exceed our customers' expectations every step of the way
- **Innovator** - We advocate new ideas, take initiatives, and become trend setters to anticipate and drive customer needs
- **Quality Champion** - We do things right the first time and are consistently reliable and proactive to achieve high work standards
- **Results Driver** - We accept responsibility accountability while striving to continuously improve outcomes for our customers
- **Team Collaborator** - We cultivate trust, foster excellent working relationships, and partner with others to achieve superior results.

Services & Distribution

Services

We help find solutions to your technical electronic applications while addressing challenges associated with environmental, safety, delivery, quality, and cost concerns. We provide a variety of services to our customers who are not able to perform processes in-house, whether it be due to limited resources, time, or space. We provide the materials, application services, and technical knowledge and experience you can trust. ECT provides an in-depth consultation with our customers with each service, including material and equipment specifications, ensuring we meet all application needs. Our total service approach and over twenty years of experience in the industry allow us to offer the most complete service available in the market today. Our services include the following:

Conformal Coating

Includes applying a wide variety of conformal coatings to PCBs using our conformal coating systems.

Parylene

Liquid-free application of Parylene C or N through a batch process to provide a premium ultra-thin, pin-hole free coating to critical electrical components.

Custom Solutions

Work with our engineers to engineer a unique and customized solution to fit all applications needs and requirements.

EMI/RFI Shielding

Application of conductive coatings for a wide variety of shielding applications, from typical larger scale enclosures to newer board-level and package-level shielding needs.

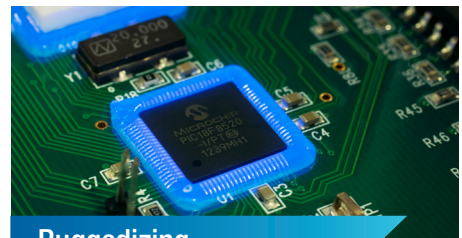
Optical Bonding

Bonding customer parts using light-curable optical adhesives used in optical assembly such as lens and optical mounting as well as bonding ceramic, glass, quartz, metal, and plastic components.



Ruggedizing

Application of ruggedizing materials which ideal for shock absorption and reinforcement of PCB components, applied as encapsulants or as an underfill alternative.



Ruggedizing

Low Pressure Molding

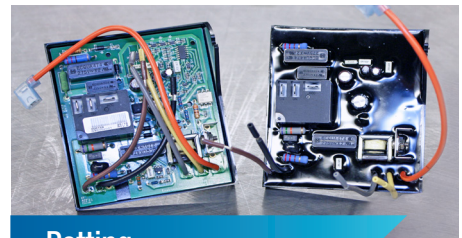
ECT is a proud representative for LPMS-USA. We carry their equipment in house to support customer demonstrations as well as subcontract services for electronic applications requiring low pressure molding.



Molds

Fixtures and Molds

Engineering aluminum master molds and silicone molds used in applications such as encapsulation, electronic coating, potting and 3D printing, as well as designing and creating conformal coating pallets and fixtures.



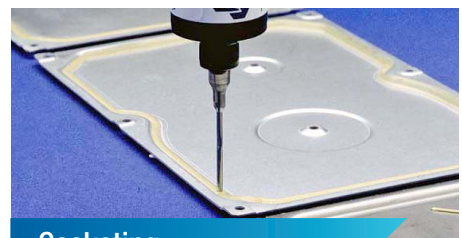
Potting

Potting/Encapsulation

Usage of robotic dispense systems and variable ratio, meter mix machines to protect PCBs.

Gasketing

Application of electrically conductive and non-conductive form-in-place (FIP) and cured-in-place (CIP) gaskets used for sealing against moisture, chemical exposure, sound/vibration dampening, or as a barrier between substrates.



Gasketing

Other

We offer other in-house services including parts assembly, printed circuit board cleaning, and machine rebuilds and servicing



PCB Cleaning

Distribution

We are the Trusted Distribution Partner of leading brands, allowing us to provide a variety of equipment and materials for purchase. Our equipment offering includes light-curing, dispensing, and filling systems, while we offer a variety of conformal coatings, potting compounds, adhesives, and gasketing materials. Our global brand partners we currently work with are:

Dymax Corporation

A leading developer of innovative rapid and light-curable materials, dispense equipment, and UV/LED light-curing systems.

Tridak

Provider of easy-to-use, entry-level filling equipment that offers users a dependable, trouble-free alternative to syringe and cartridge hand-filling operation.

PVA

Global leader in manufacturing automated and manual dispensing and coating systems.

CHT

Manufacturer of an extensive range of silicone elastomer potting compounds, encapsulants, RTV silicone adhesives, coatings, and thermal interface materials.

LPMS

Leading provider of low-pressure molding equipment, tooling services, materials, and contract manufacturing

Epic Resins

An established leader in epoxy and polyurethane technologies for industry.



We have offices located in Canada and the US to service our customers.



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