

Contract Manufacturing and Supply Chain Management

Simplify the supply logistics and upgrade the quality of EMI shielded housings and enclosures

More than ever, high-volume electronic device and enclosure manufacturers seek to integrate production processes to the greatest extent possible. For EMI shielded housings and enclosures, choosing Chomerics as the lead vendor to manage the overall supply chain greatly streamlines production and scheduling. It also brings significant cost and quality benefits:

Production times shrink

Eliminate difficult logistics, excessive transportation costs and time lost in moving parts from a housing or enclosure manufacturer to a plating or conductive coating supplier, to an EMI gasketing operation, to a part assembler and finally to the OEM. Instead, Chomerics can handle most secondary operations at one location, trimming time and cost significantly.

Costs are kept under control

With fewer suppliers to manage, and inventory coordinated by Chomerics, fewer in-house resources are required to oversee production. Inventory expense is minimized and costly production downtime is avoided.

Designs are optimized

When Chomerics interfaces with and manages housing suppliers, common preventable design faults that hinder EMI shielding application are avoided. Part tolerances appropriate for maximum throughput are ensured.

Accountability is maximized

Excuses and fingerpointing are eliminated when Chomerics oversees the supply chain and produces complete assemblies to specifications that set performance and quality criteria. Rather than dealing with multiple sources, you negotiate delivery times, tooling cost and price with a single vendor.

International application capabilities bring these services closer

Chomerics operates manufacturing facilities in a growing number of locations around the world, providing our customers with local sales support, quality support and customer service.

Woburn, Massachusetts, USA
Hudson and Dover, New Hampshire, USA
Lancaster, New York, USA
Santa Clara, California, USA
Guadalajara, Mexico
Marlow, Bucks, United Kingdom
Madrid, Spain
Oldenburg, Germany
São Paulo, Brazil
Shanghai, China
Tianjin, China
Osaka, Japan

As production volumes warrant, Chomerics is pleased to evaluate the feasibility of establishing additional application sites at or near our customers' manufacturing locations.



As Lead Supplier, Chomerics...

Provides Full-Service Contract Manufacturing and Consignment Inventory

- purchases all sub-components
- performs value-added conductive coating, automated EMI gasketing, manual gasket attachment, shielding laminate, window or honeycomb installation, etc.
- completes secondary assembly operations in-house
- distributes parts to customer locations globally
- establishes consignment inventories as needed

Develops Suppliers

- evaluates and recommends suppliers for castings, injection molded plastic, and electrical components
- implements customers' quality standards up and down the supply chain
- conducts *first article* evaluations with reports
- ensures compliance with customer part approval process

Safely Manages Design Change

- coordinates engineering change orders (ECO)
- implements change in a planned process
- oversees system and supplier-wide implementation
- ensures that suppliers' processes can support change(s)
- controls introduction of change(s) into the supply chain, ensuring traceability in all parts

Facilitates Resolution of all Quality Issues

- establishes agreed-upon visual criteria, testing and inspection techniques
- ensures supplier calibration in periodic review meetings and scheduled joint conferences with all suppliers in the chain
- provides ongoing statistical process control of all suppliers and processes, shared with every member
- maintains documentation that prevents miscommunication

Manages Inventory

- uses forecasting to ensure cost-effective product phase-out without excessive final inventory
- secures just-in-time deliveries throughout the supply chain, including to our customer

Designs Specialized Packaging

- develops compartmentalized plastic or corrugated paper packaging needed to avoid scratches or other cosmetic injuries to parts



Chomerics manages the logistics of supplying high-volume, EMI shielded housings for major telecommunications clients. In one example, cast housings originate with three vendors on two continents. After plating, they converge at our manufacturing location for automated EMI gasketing and contract subassembly operations, and are then shipped to customer destinations in the US, Brazil and Mexico for end-product manufacture.

A full array of contract manufacturing capabilities includes

- snap-on and mechanical press-fit of components
- affixing components with adhesives
- installing laminates
- installing ground pads
- insertion of threaded elements
- ultrasonic welding
- cosmetic painting
- labeling

...efficiently performed at Chomerics' automated EMI gasketing locations to eliminate unnecessary part transport, handling and lost time.

Chomerics is ready to help you streamline the purchase and production of shielding housings and enclosures. Call today to explore the possibilities.