

PUTTING **POWER** TO WORK



DIVISION OVERVIEW

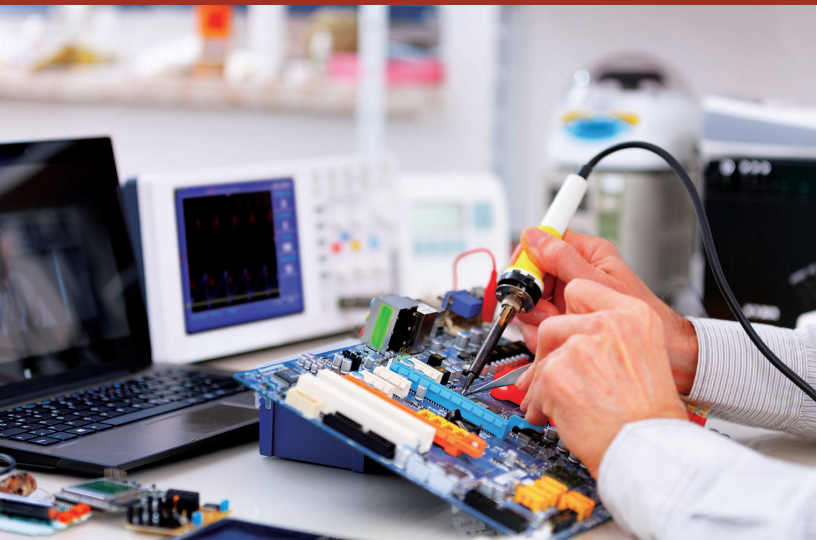
Product & Specifications Overview

PELCO COMPONENT TECHNOLOGIES

PELCO ELECTRONIC MANUFACTURING SERVICES

ASSEMBLY OF PRINTED CIRCUIT BOARDS & HARNESSES

Pelco EMS specializes in assembly and finishing of printed circuit boards and wiring harnesses, as well as contract manufacturing of standard or custom components. Rigorous engineering analysis, meticulous manufacturing practices and continuous improvement quality management are the rule at this Mexicali division, just as in Cazenovia, NY.



THE **PELCO**EMS ADVANTAGE

- › **Single Source Supplier.** The convenience of dealing with one supplier with a single point of contact for both your PCBA and harness requirements can simplify your supply chain and significantly lower your testing and shipping costs
- › **Decades of Experience.** When you partner with us for your manufacturing needs, you will have the benefit of collaborating with a dynamic team of professionals with decades of experience in the various areas of contract manufacturing
- › **Superior Testing.** Our functional test capabilities and ICT help ensure that our customers receive the highest quality product.
- › **Manufacturing Convenience.** The factory's proximity to the U.S. enables our customers to receive product quickly for relatively low freight costs. Our customers enjoy being able to work in similar time zones to the factory which enables them to get the answers they need in real time. This is in stark contrast to the many hassles and extra expenses that are associated with Asian manufacturing partners. With Pelco EMS, you get the best of both worlds: the low cost of an offshore partner and the convenience of dealing with a supplier that is just south of the border.

PCB ASSEMBLY

- › Fully Automated SMT Production Lines
- › Through Hole/Hand Assembly
- › Quick Turn Prototype Runs
- › Small (under 100 pieces) through High Volume Production Runs

CABLE & HARNESS ASSEMBLY

- › Wire Strip/Crimp
- › Full Harness Assembly
- › Quick Turn Prototype Runs
- › Small Assemblies through Large Production Runs

MECHANICAL & INTEGRATED ASSEMBLY

- › Electronic and Mechanical Assemblies
- › Sub-Assemblies
- › Conformal Coating and Encapsulation Services
- › Box Builds and Final Assembly

ELECTRICAL TEST

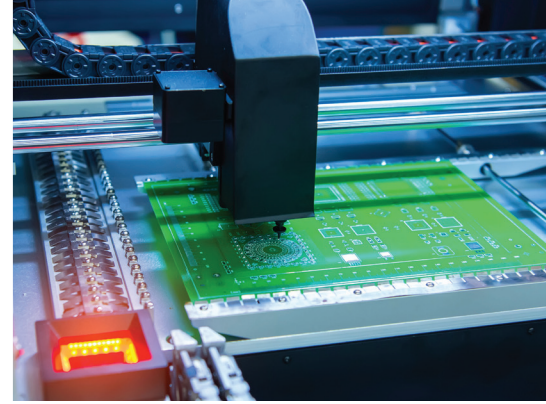
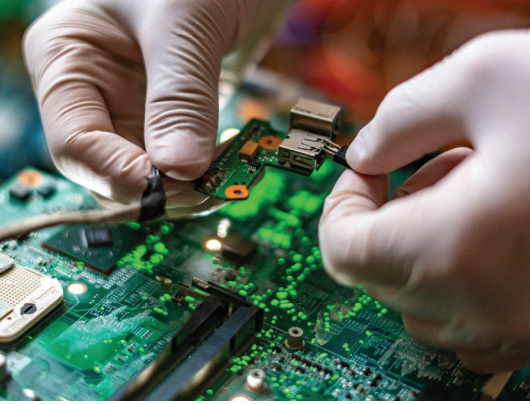
- › PCB Functional Testing
- › Customer Designed and Specified Testing
- › Computerized Testing
- › Functional Testing for Wire Harness and Final Assemblies

ELECTRONIC ENGINEERING SERVICES

- › PCB Design
- › Hardware and Software Development
- › Microcontrollers
- › Approval Processes

SUPPLY CHAIN MANAGEMENT

- › Component Sourcing
- › Consignment or Turnkey
- › Contract Purchasing Services
- › Consulting



PELCOEMS SERVICES OVERVIEW

- › **PCBA Assembly.** Whether your design requires strictly SMT, mixed technology (SMT & through hole), or legacy product that is 100% through hole, we have the technology and processes in place to provide the solution for your manufacturing needs. Pelco's SMT platform is equipped as standard to remove the need to compromise. Our Europlacer iineo+ machine is a single elegant structure built on multi core processing technology designed to deal with anything that modern surface mount assembly demands.
- › **Cable & Harness Assembly.** Custom cable assemblies and complex wire and cable harness assemblies for a wide spectrum of applications. Low / High Volume Production Runs; Cut & Marked Tubing; Wire & Cable Tie Solutions; Fan, Blower & Motor Assemblies; Multi-Conductor Jacketed Cable Assemblies; Potting; Soldered Cable Assemblies; Spliced Cable Assemblies; Ribbon & Flat Cable; Power Cord; Crimp Monitoring; 100% Testing & Inspection.
- › **Box build / Final Assembly.** To complement our PCBA operations we provide box build and electro-mechanical assembly services whether its partial or full product integration and final assemblies ready for end-users. Our manufacturing facility incorporates assembly, testing and packaging with traceability, complemented by our electrical and mechanical assembly expertise.
- › **Engineering Services.** Our engineering team is able to provide board level design, Process Engineering, as well as DFM/DFT.
- › **Quality Certification.** Pelco EMS facility is ISO 9001:2015 certified and we're committed to continuous improvement of products and services. We adhere to IPC-A-610 for our pcba's and IPC-A-620 for harnesses. Pelco EMS complies with regulatory and industry requirements through our quality approved supplier certification of materials, manufacturing process controls, and documentation.

PELCOEMS FAQ



Is my product secure while it is at or crossing the border?

All transactions and activity are handled by our licensed and bonded freight forwarder. Daily inventories are sent to Pelco via e-mail, fax or through their Ewarehouse System. Your inventory is under Camera Surveillance 24/7 while at the freight forwarders' facility.



What expenses will we incur for customs and border crossing?

All expenses associated with these activities are amortized into our cost for your product so you will not be billed separately for these items.



What delivery time can we expect for your quick turn proto's?

Typical turnaround time is 3 - 4 weeks contingent upon material availability.



How does having a single source benefit us?

Having one supplier that is able to service both PCBA and harness requirements allows you to consolidate your supply chain and realize benefits in ease of day-to-day communications in addition to improved testing and shipping costs.



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AIROTRONICS • PELCOEMS • TRIMAX • PELTEC • STK ELECTRONICS • FLEXCON

www.pelcoems.com

PELCO COMPONENT TECHNOLOGIES

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