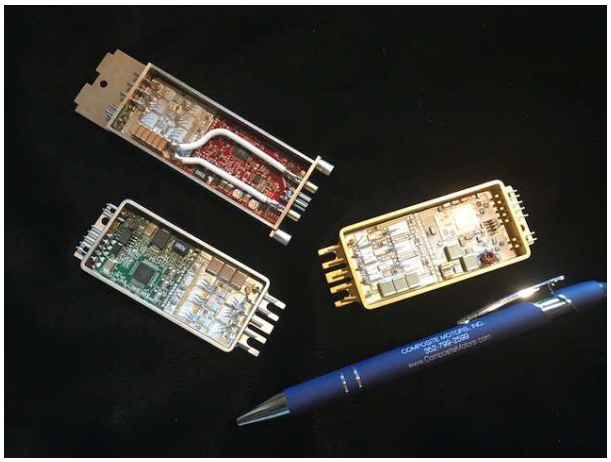
Composite Modules, Inc.

Hermetically Sealed Drivers & Devices



- Top/Down Design: Build to Print
  -Existing PCBA or Device with customized Enclosure and Power Plane
- Standard Products
  -CMI-8112-04 Controller
  -TO Packages
- Bottom Up Design
  -Fully customized controller including PCBA, Power Plane and Enclsoure
  -Custom ASICS requiring Hermetic Packaging
- Applicable Markets
  -Medical Market (Surgical Devices)
  -Military/Aerospace
  -Automotive

Case Study 1: CMI-8112-04 Standard Hermetically Sealed Motor Controller

-.8-24VDC

-Peak Current up to 80A

-Size of 3.5” x 1.25” x 0.4”

- Achieves Hermeticity of 1.0 x 10-7 Leak Rate Maximum (ATM-CC/SEC HE)

Case Study: Custom Designed Motor Controller

-Customer Designed PCBA

-CMI Design for Power Plane and Enclosure

-Achieves Hermeticity of 1.0 x 10-7 Leak Rate Maximum (ATM-CC/SEC HE)

Case Study 3: Standard Device Requiring Hermetic Package

-TO-254 Device

-Electrically Isolated

-Availabile with Military Pin Outs

-Achieves Hermeticity of 1.0 x 10-7 Leak Rate Maximum (ATM-CC/SEC HE)

SUMMARY

CMI offers customers the flexibility to manufacture a product that meets their design criteria or select/modify a design utilizing CMI’s capabilities.

Our Engineering expertise ranges from Hermetic Packaging of an existing device/assembly to a fully customized solution.

Due to CMI’s vertically integrated manufacturing capabilities including laser cutting, precision machining, injection molding and Hybrid Microelectronics our customers benefit from aggressive lead times, cost containment and high quality standards.

ABOUT US

Our story is a long one and while the years have brought many changes, from our company name to our industry, we have never faltered in our mission to deliver highly designed and performing custom solutions.

We began as Joburn Tool in 1966 in Attleboro, Massachusetts working in the tool and die business before taking the steps toward manufacturing semiconductor packaging materials for the electronics industry as Composite Technical Alloys. After decades in the industry, we created Composite Modules, Inc. which was followed by the creation of our sister company, Composite Motors, Inc.

Since 1965, we have been committed to delivering high quality and high precision electronic products for extreme environments. Composite Motors has met the continuous demand from industry leaders for smaller size, greater functionality, and innovative electronic devices that operate in harsh environments.

HQ: 15446 Flight Path Dr. Brooksville, Florida 34604 **P:** (352) 799-2599 **Hours:** Monday–Friday; 8:00am–4:30pm EST