

### **Contract Manufacturing Through Tempco for Electronic OEM Control Systems**

*Is your company an OEM that utilizes Electronic Control Systems for the manufacturing of your products?  
Are you interested in reducing your costs without compromising quality? Let Tempco help you achieve your goals!*

We can provide you with Electronic Control Systems from Printed Circuit Board Assemblies to Full Blown Sub-Assemblies, including Metal Brackets, Injection Molded Parts, Wire Harnesses and Connectors, through our overseas affiliated manufacturing partners. Taking advantage of the labor rates available globally, Tempco offers extremely competitive prices without compromising quality.

Tempco has had components manufactured internationally for years and has developed a network of qualified affiliated manufacturing partners. Let Tempco assume all of the responsibilities associated with doing business overseas, such as overcoming language barriers, controlling quality, and eliminating problems with payment, importing and shipping.

#### **OEM Advantages of working with Tempco:**

- \* *Tempco will inventory the product locally*
- \* *Contracted delivery for one year or longer*
- \* *Just-in-Time shipping schedules*
- \* *Uninterrupted supply of product*

In order to develop a quote for your OEM Electronic Control System, Tempco requires submission of a sample and any documentation you have, as described below.

#### **Confidentiality:**

**To protect your proprietary design information and product, Tempco will sign and honor a Non-Disclosure Agreement with your company.**

### **Limited Sample of Manufacturing Capabilities**



**Full Range of Standard Test Equipment**



**Quality Control using Automated Test Equipment in a Clean Room Environment**



**Environmental Test Chamber for Product Burn-In**

### **Information Required for Quote Request**

*In order to provide you with a quote on a contract manufacturing project, the following information should be provided to Tempco.*

- 1. Physical Sample** – Illustrates how the components of the assembly work together.
- 2. Electronic Design Schematic** – Defines how the components on the PCB are connected together.
- 3. Bill of Material** – Defines all the components used in the assembly from the parts on the PCB to brackets, switches, knobs, etc., in addition to the PCB assembly.
- 4. Written Description of the Product Requirements and Specifications** – Defines the purpose of the assembly.
- 5. Written Description of all Functions and Background Information** – Describes how the product requirements and specifications are to be accomplished.
- 6. Wiring Diagram** – Defines how the assembly fits into the rest of the system.
- 7. Microprocessor Software Source Code** – If the electronic assembly includes a microprocessor (single chip micro industrial computer) there is a software program to make it run, commonly referred to as the "source code." If the source code is not provided,

engineering may be able to "lift" it from the sample for a fee. The source code is usually provided as a file on a disk.

**8. Sources and Manufacturer's Part Numbers** – A list for any required critical external connectors and required components such as knobs or switches to maintain continuity.

**9. Manufactured Mechanical Components** – An engineering drawing that defines material, finish, dimensions for overall size, mounting hole locations, etc. for any required sheet metal bracket or faceplate to be manufactured.

**10. Artwork** – Engineering artwork for any unique silkscreen printing, label or logos involved in the project (if no drawing is provided the sample may be copied).

**11. Printed Circuit Board Drawing** – An engineering drawing that defines material, overall size, mounting holes, etc.

*Any additional information provided to Tempco will assist us in reducing your cost and expediting the project by eliminating engineering time spent on redesigning components.*

*We Welcome Your Inquiries!*