**Cornell Dubilier Electronics**

**CAD OPERATOR 1ST SHIFT Hours: 8:00 AM – 4:30 PM**

**Classification: Hourly Starting Pay: $20 - $30**

**Reports to:** Director of Mechanical Design

**Overview:**

Completes new drawings and maintains existing drawing revisions for 3D CAD model designs for parts, assemblies, tooling, fixturing, equipment and product designs.

**Duties and Responsibilities include but are not limited to**

* Prepare layouts, assembly, and detail drawings for new or improved products.
* Prepare initial drawings on designated test equipment.
* Analyze various design requirements and recommend possible solutions or alternate constructions.
* Provide information when required for cost estimating.
* Assist in the follow-up of prototype construction.
* Secure quotations and expedite material and delivery.
* Maintain drawing revision histories per drawing change requests.

**Job Prerequisites**

* Knowledge of measuring devices such as tape measure, calipers, micrometers, and other.
* Knowledge of basic technical drawing views and dimensioning.
* Ability to use common computer software, such as email, Excel, Word, etc.
* Ability to understand basic mechanical construction and assembly methods
* Able to communicate effectively and comprehend ideas and patterns.

**Education Requirements**

* One to two years college or trade school in mechanical drawing

**Physical/Mental Requirements**

* Use of upper body for some lifting, assembly or disassembly of products or tooling
* Able to use math for calculations or conversions.