

## SMT LEAD FORMING & TINNING SERVICES

Fancort has been supplying Lead Forming & Tinning Services for more than 10 years. We use our universal systems, including the production oriented two-sided Universal Flex tool. These options allow Fancort to provide quick turnaround of almost any flat device with Mil-Spec SMT forming. We can handle MCM's, ceramics, glass to metal sealed devices, DIPs to SMDs and more.

Fancort's tinning capabilities are automated, using a twin dipping method in our precision tinning cell. The first step removes surface gold and covers the remaining gold with tin. The second pot recoats with solder meeting Mil-Spec compliance. We meet ESD requirements in the work area and typically provide a quick turnaround.

Here's what we offer:

1. Inspection of incoming devices, rejecting any parts that are not suitable because of skew lead damage, unless you have requested lead reconditioning as an additional service.
2. Handling of your parts in an ESD protected area, including benches, tools and operators.
3. 10% part inspection is STANDARD for each formed group of parts for all dimensions specified on your data sheet/specifications. Fancort will also do a visual spot check of parts as we proceed.
4. An inspection report that lists the dimensions the tooling has produced on your parts.
5. A Certificate of Compliance
6. Repackaging of your parts in a suitable shipping container supplied by the customer or purchased from Fancort.
7. Optional tinning.
8. Visual inspection of tinned devices to verify coverage and Mil-Spec compliance.

Here's what we don't offer:

1. A guarantee that your parts are electrically functional after forming. Since we cannot test them, we cannot take responsibility for this.
2. Solder-ability testing is not currently available.
3. Fancort's tinning process is not intended to eliminate and/or reduce the growth of tin whiskers on lead free (tin plated) leads.
4. Fancort does not process parts through a cleaning process.