

# **Raytheon**

## **Systems Limited**

This document is an integral part of the contract (purchase order) which calls it out.  
The revision in effect at the time the purchase order was placed applies.

**I020B, Rev 1**

**(04/11/08)**

### **PWB COPPER THICKNESS CLARIFICATION**

PWB drawings were updated with a note stating 'finished conductor thickness per table of layers', which may contradict the table of layers title stating 'minimum copper thickness' or 'nominal weight'. The qualified design uses the table of layers as starting copper thickness or weight. Processing of copper during manufacturing will result in a reduction of copper thickness or weight, which is per the qualified design. In addition, if the starting copper weight matches the value stated in the table of layers, the finished copper weight will be reduced during processing, and will meet the requirements stated in IPC-A-600 for allowable copper losses. The note stating 'minimum finished conductor thickness' applies only if the manufacturer chooses to use a thinner or lighter weight copper to start, but must ensure the finished conductor thickness is at least the minimum requirements as stated in the table of layers.