

## Axiom Electronics PCBA Design for Manufacturability Guidelines

Section: 10.15	Revision: A	Revision Date: 2/14/13
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DFM Subject: PCB Balanced Layer Construction
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### DFM Requirement:

PCB layer construction shall be symmetrical; in other words if the PCB is split in two at the center line the plane and signal layers should be mirror images. See illustration in detail section.

### DFM Impact:

Unbalanced construction causes unacceptable bow and twist during fabrication. This will lead to problems during SMT and through-hole assembly.

### DFM Details:



A = J, B = I, C = H, D = G  
E + F Same Dielectric Opening