

## Axiom Electronics PCBA Design for Manufacturability Guidelines

Section: 10.24	Revision: A	Revision Date: 2/14/13
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DFM Subject: Press Fit Connector Requirements
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### DFM Requirement:

Requirements for press fit connectors:

- Preferred lead style is the "eye-of-the-needle" design
- PCB thickness shall be 1.58mm (0.063") or greater
- Tooling holes are required – see Section 10.3 PCB Tooling Hole Size and Location
- Connectors shall have pre-assembled shields; separate shields are not recommended
- Maximum lead protrusion from the PCB shall be 0.060" through the PCB
- Traces shall not be routed directly under the connector body on outer layers

### DFM Impact:

Press fit connectors require an additional process step and the added cost of press fit tooling.