

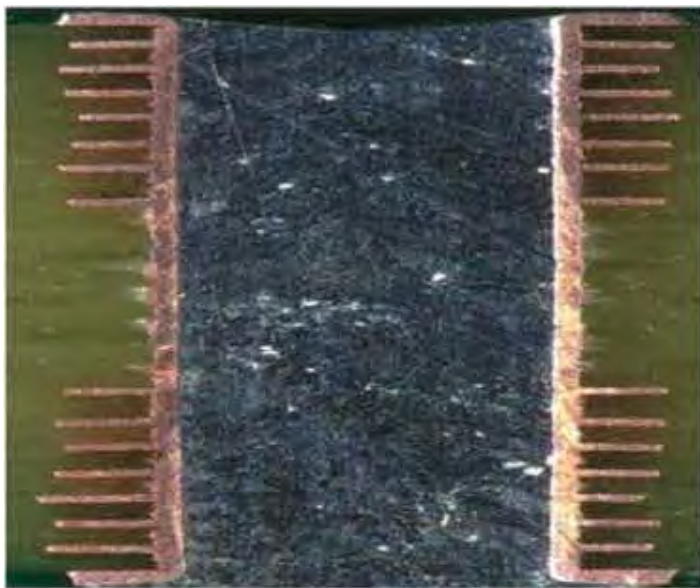


About Us

Aerospace printed circuit boards (PCBs) are integral to the functionality and safety of modern aircraft and aerospace systems. Serving as the foundation for critical applications like avionics, navigation systems, communication, flight control, and safety mechanisms, these PCBs ensure reliable and efficient performance in the demanding environments.

As a trusted aerospace PCB manufacturer, HT Global Circuits delivers high-quality solutions designed to meet the rigorous standards of the aerospace and defense sectors. Our expertise in aerospace and defense PCB services ensures precision-engineered solutions that support OEMs and defense contractors in developing next-generation aerospace systems.

CROSS SECTIONAL VIEW



TECHNICAL DETAILS

Specification	Capability
Line/Space	3.7 MIL /3.6 MIL
Min Hole Size	12 Mil-Conductive Fill-
Overall Thickness	0.125 Inches
No. Of Layers	16 Layers
Min Core Thickness	4 Mil
Special Features	ENIG

Our production facilities produce in accordance with the **IPC-A-600, IPC 6011 and IPC 6012** standards and have been awarded all the key certificates:





What We Build



Multilayer Precision

From basic single-layer boards to complex 16+ layer stackups, we engineer PCBs for durability, density, and performance.



Advanced Capabilities

We offer cutting-edge features like HDI, microvia, via-in-pad, flex, and metal core to meet evolving technology demands.



Specialized Materials

High-performance materials (RO4350, Bergquist HT, MEG6) and finishes like ENIG, ImmAg, HASL, and OSP ensures reliability and longevity.

Why Choose HT Global Circuits

HT Global Circuits is a trusted aerospace PCB manufacturer in the USA and worldwide. Our focus on quality and innovation makes us the preferred partner for aerospace and defense PCB solutions.

- Aerospace PCB Expertise:**
With over 35 years of experience, we provide aerospace PCBs from prototyping to full-scale production.
- Global Reach:**
Our international facilities offer cost-effective solutions without compromising on quality, perfect for aerospace PCB suppliers.
- Tailored Solutions:**
We specialize in custom aerospace PCB design and assembly to meet specific project needs.
- Uncompromising Quality:**
We adhere to IPC Class 3 and aerospace standards, ensuring reliable performance in demanding environments.
- Efficient Delivery:**
Our quick-turn prototyping and scalable production timelines help meet tight aerospace project deadlines.



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