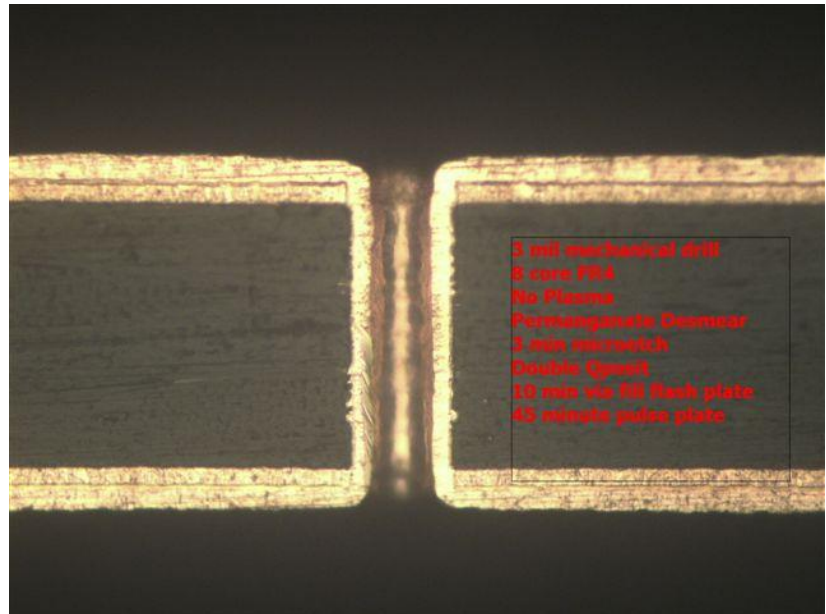


Conquering your most demanding drill files Streamline's 3 mil drill capabilities

The majority 2014 PCB advancement trends include, among other things, laser direct imaging for through-hole technology. Does this mean that other through-hole techniques fall through the cracks? Not at Streamline. With much demand from engineers looking to push the envelope with pad size, Streamline has put efforts into developing drilling and plating technologies which allow a .003 mechanical drill. That equates out to 50% smaller than the smallest via available at roughly 80% of manufacturers.

One can only touch on the many applications this will benefit. Smaller pads can now be utilized in your design for higher density routing. This technology also allows for improved thermal via farming and overall increased density. This also accommodates our customers who need to access both sides of a via proving another situation where a laser would not be practical and a mechanical hole would be more helpful.



3 mil mechanical Drill, 8 mil core FR4, No Plasma, Permanganate Desmear, 3 min microetch, Double Cuposit, 10 min via fill flash plate, 45 minute pulse plate

Streamline never fails to meet the demands of not just the industry but our most advanced customers' demands. CTO Greg Halvorson explains the 3 mil drill enables Streamline to attack the growing demand for solutions with through-hole micro density technologies. Next up in Streamline's R&D is .0019 mil drill. Would you expect anything else from this company?

Streamline Circuits is a leading manufacturer of high quality Printed Circuit Boards offering Rigid, Rigid Flex and Multilayer Flex. We are committed to providing our customers the most advanced technology, quality and engineering support available. Streamline's customers take advantage of these highly valued resources to develop a cost effective product in a time sensitive manner. These capabilities are critical for today's technology driven customers. Streamline services communications, military & aerospace, industrial electronics, instrumentation and medical equipment markets, who need to get their quality products to market first.

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