

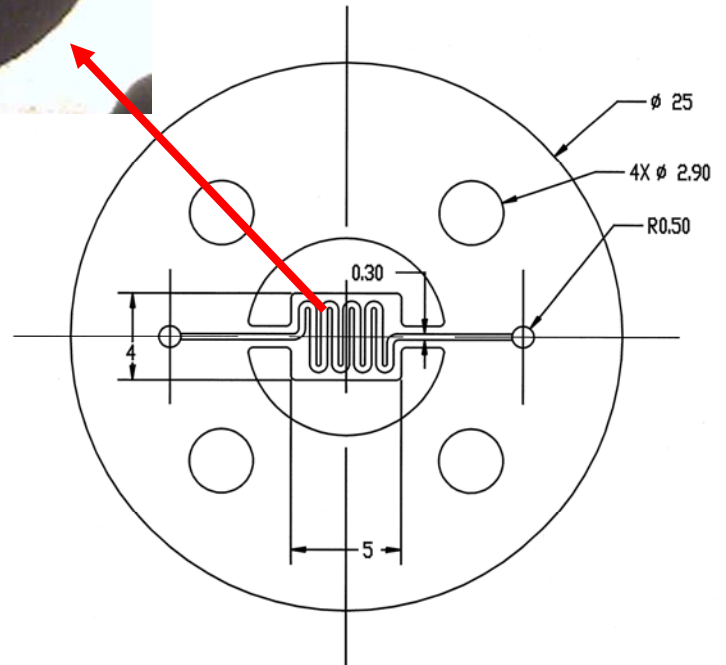
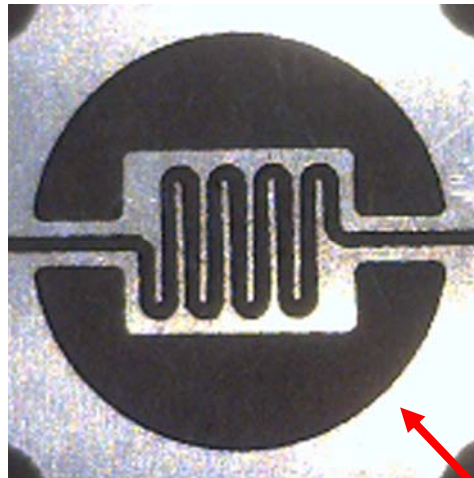
MEDICAL



The part pictured below is one of many parts Micro Waterjet has cut for use in the medical field. The Micro Waterjet process was chosen over other technologies because:

- 1) Kerf requirement for this part was smaller than that of conventional water jet technology;
- 2) Micro Waterjet for prototype quantities was less expensive than wire EDM;
- 3) Laser cutting would be difficult due to the thin wall segments in the interior feature.

The part is made out of Stainless Steel and is 0.984" x 0.039" (25mm x 1 mm) with the thinnest geometry being 0.008" (0.2mm). The aspect ratio of the fine features is 1:5. This is the 0.2 mm wide feature with a 1 mm thickness.



microwaterjet® is an excellent alternative cutting method to traditional machining for a wide range of materials as compared to EDM or Laser Cutting. The applications are very broad across multiple industries including:

- Research & Development
- Prototyping
- Electronics
- Automotive/Motorsports
- Medical Technology/Tools/Implants/Components
- Watch Making
- Aerospace/Defense
- Art/Jewelry

microwaterjet® is the world leader in contract manufacturing of precision components using proprietary Micro Waterjet Cutting Technology.