

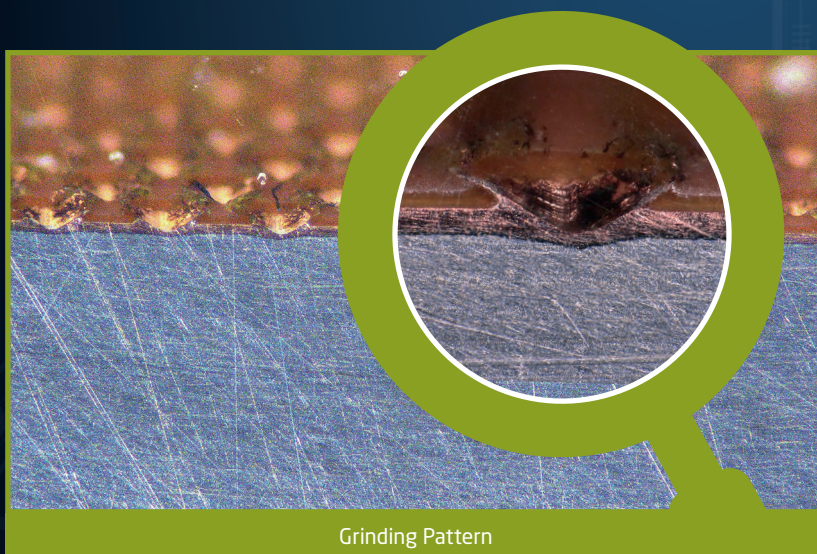
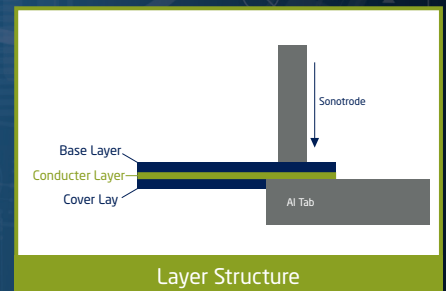


ultra fast. ultra strong. **ultrasonic.**  
#UltrasonicWelding

Sonosystems®

# ULTRASONIC WELDING OF FLEX PRINTED CIRCUITS (FPC)

- Electrical contacting without removing of the carrier layer, e.g. polyimide, with ultrasonic welding
- Established interconnection technology with known long-term stability
- Various fields of application e.g. EV: current sensing with FPC
- Latest machine generation with servo drive, 20/35 kHz technology
- Various FPC configurations possible:
  - base material: PI, PET (PEN possible)
  - conductor layer: Cu, Al
  - layer structure: glued or glueless



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