# MEMS Thermal Bimorph

Important Details

- Beam length (determined by ACTV mask) = 620 µm
- Beam width (determined by ACTV mask) = 80 µm
- Width of ACTV-CONT lip = 8 µm
- Resistor composed of three segments of varying linewidth:
  - Segment A: W = 24 µm, L = 82 µm (L = 62 µm from edge of second contact)
  - Segment B: W = 8 µm, L = 120 + 8 + 104 + 8 + 104 + 8 + 120 µm, Plus 6 corner squares
  - Segment C: W = 24 µm, L = 82 µm (L = 62 µm from edge of second contact)
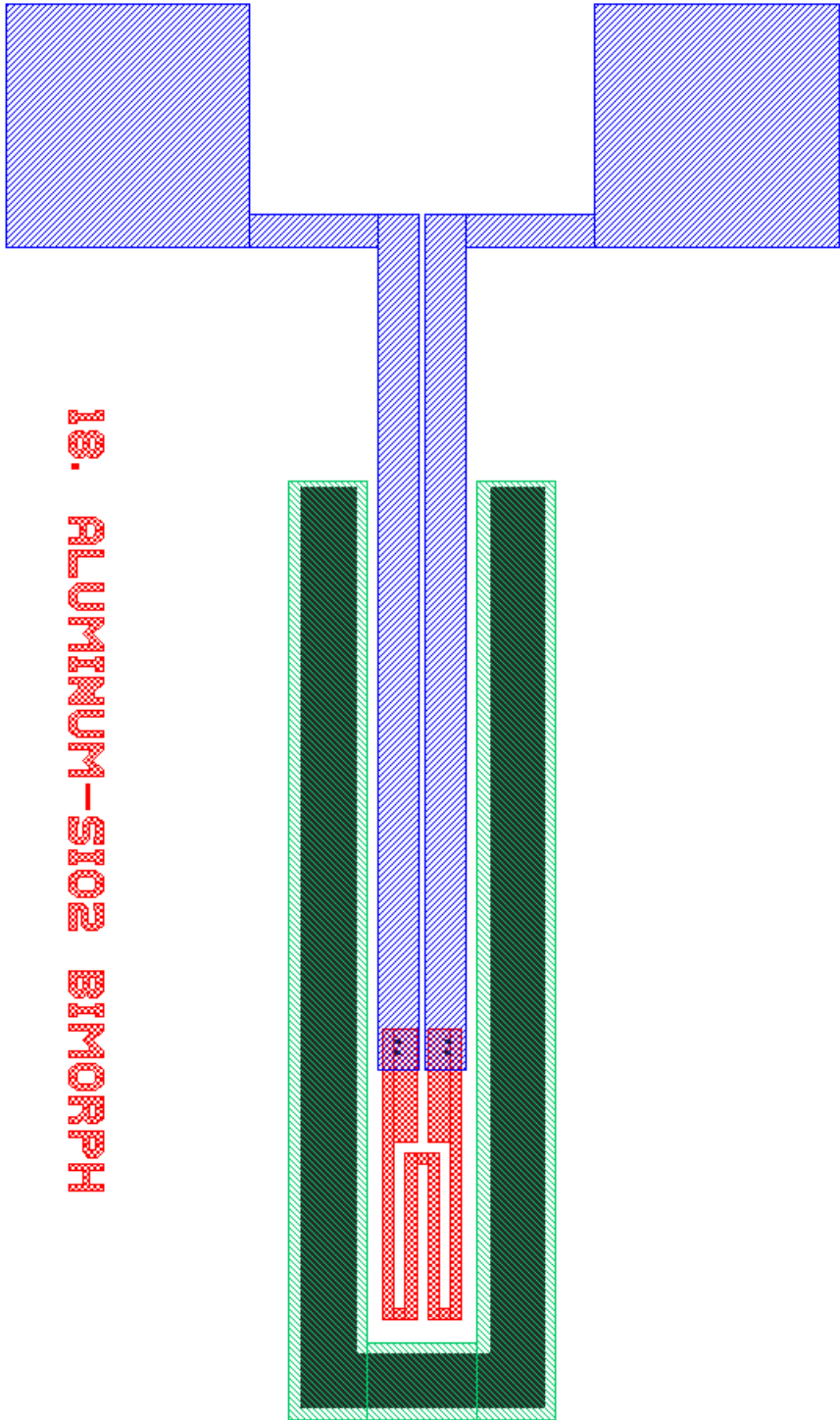
18. ALUMINUM-SiO2 BIMORPH

Masks: ACTV   POLY   CONT   METL