

Matching Layer

Bulk Piezoelectric

Matching Layer

+
- V_{RF}

The diagram shows a cross-section of a device with three distinct layers. The top layer is purple and labeled 'Matching Layer'. Below it is a blue layer labeled 'Bulk Piezoelectric'. The bottom layer is green and also labeled 'Matching Layer'. Two thin orange horizontal lines, representing electrodes, are positioned between the purple and blue layers, and between the blue and green layers. On the right side, these electrodes are connected to a circuit. The top electrode is connected to a terminal marked with a '+' sign, and the bottom electrode is connected to a terminal marked with a '-' sign. To the right of these terminals is the label V_{RF} , indicating an RF voltage is applied across the piezoelectric layer.