

ABSTRACT OF THE DISCLOSURE

A piezoelectric resonator (11)

utilizing a width expansion mode provided with a piezoelectric
resonance part (12) having a rectangular section in which a ratio
5 b/a of the length of each longer side to that of each shorter
side is within a range of $\pm 10\%$ about the following value:

$$b/a = n(-1.47\sigma + 1.88) \quad \dots (1)$$

where a represents the length of each shorter side, b represents
that of each longer side, σ represents a Poisson's ratio and n
10 represents an integer, and support members (16, 17) which are
coupled to central portions of both shorter sides of the
piezoelectric resonance part.

This Sheet Has Been Replaced

